



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

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Date: March 27, 2017		EPA Reg No./File: 10163-361			Page 1 of 48
Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
61-1	Product Identity and Composition	44157001	62719	OLD	
61-1	Product Identity and Composition	43233001	33660	OLD	
61-1	Product Identity and Composition	40743902	33660	OLD	
61-1	Product Identity and Composition	40743901	33660	OLD	
61-2(a)	Description of Materials Used to Produce the Product	44157001	62719	OLD	
61-2(a)	Description of Materials Used to Produce the Product	43233001	33660	OLD	
61-2(a)	Description of Materials Used to Produce the Product	40743902	33660	OLD	
61-2(a)	Description of Materials Used to Produce the Product	40743901	33660	OLD	
61-2(a)	Description of Production Process	44157001	62719	OLD	
61-2(a)	Description of Production Process	43233001	33660	OLD	
61-2(a)	Description of Production Process	40743902	33660	OLD	
61-2(a)	Description of Production Process	40743901	33660	OLD	
61-2(a)	Description of Formulation Process	44157001	62719	OLD	
61-2(a)	Description of Formulation Process	43233001	33660	OLD	
61-2(a)	Description of Formulation Process	40743902	33660	OLD	
Signature: <i>Melissa Riesland</i>		Name and Title: Melissa Riesland, Regulatory Specialist			Date: 27-Mar-17



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Date: March 27, 2017	EPA Reg No./File: 10163-361	Page 1 of 48			
Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			62719	OLD	
			33660	OLD	
			33660	OLD	
			33660	OLD	
			62719	OLD	
			33660	OLD	
			33660	OLD	
			33660	OLD	
			62719	OLD	
			33660	OLD	
			33660	OLD	
			33660	OLD	
			62719	OLD	
			33660	OLD	
			33660	OLD	
Signature: <i>Melissa Riesland</i>		Name and Title: Melissa Riesland, Regulatory Specialist		Date: 27-Mar-17	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
61-2(a)	Description of Formulation Process	40743901	33660	OLD	
61-2(b)	Discussion of Formation of Impurities	44157001	62719	OLD	
61-2(b)	Discussion of Formation of Impurities	43233001	33660	OLD	
61-2(b)	Discussion of Formation of Impurities	40743902	33660	OLD	
61-2(b)	Discussion of Formation of Impurities	40743901	33660	OLD	
62-1	Preliminary Analysis	44277702	68156	OLD	
62-1	Preliminary Analysis	44277701	68156	OLD	
62-2	Certified Limits	43186901	62719	OLD	
62-3	Enforcement Analytical Method	43186901	62719	OWN	
63 Series	Physical & Chemical Characteristics	43143702	62719	OWN	
63-7	Density/Relative Density/Bulk Density	40453402	1471	OLD	
63-17	Storage Stability	44628201	62719	OWN	
63-20	Corrosion Characteristics	41792901	62719	OLD	
81-1	Acute Oral Tox	40822201	1471	OLD	
81-2	Acute Dermal Tox	40822202	1471	OLD	
81-3	Acute Inhalation Tox	00155261	1471	OLD	
81-4	Acute Eye Irritation	00056551	1471	OLD	
81-5	Acute Dermal Irritation	40822202	1471	OLD	
81-6	Skin Sensitization	00138224	1471	OLD	
N/A	The Physiology and Mode of Action of the Dinitroaniline Herbicides <i>Weed Science 25(1) :79-87</i>	00142372	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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			62719	OLD	
			33660	OLD	
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			33660	OLD	
			68156	OLD	
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			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
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			1471	OLD	
			1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Prediction of Trifluralin Diffusion Coefficients <i>Weed Science 21(6) :485-489</i>	00142366	1471	OLD	
N/A	Ultraviolet Radiation of Solutions of Trifluralin	0014092	1471	OLD	
N/A	Determination of Volatile Nitrosamine in Air: Pre-RPAR Review Submission #25	00125326	1471	OLD	
N/A	The Mode of Action of the Herbicide Trifluralin: RPAR Submission	00125316	1471	OLD	
N/A	A Gas Chromatographic Method for the Determination of Sencor and its Deanimated Diketo Metabolite in Soybeans	00066195	1471	OLD	
N/A	Synthesis and Chromatographic Application of Bonded, Monomolecular Polymer Films on Silicic Supports	00039275	1471	OLD	
N/A	General Summary: Treflan	00032810	1471	OLD	
N/A	Herbicidal Properties of Trifluralin Analogs. Weeds	00032083	1471	OLD	
N/A	Report Sheet Including Data on Use of Treflan Herbicide - Fish	00029838	1471	OLD	
NA	Special Study	00105728	1471	OLD	
Generic Trifluralin	TDDC - Trifluralin Data Development Consortium				
71-1	Acute Dietary Tox	00027401	1471	OLD	
71-1(a)	Acute Avian Oral Toxicity - Bobwhite Quail	00137573	1471	OLD	
71-2(a)	Avian Dietary Tox	00138857	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			1471	OLD	
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			1471	OLD	

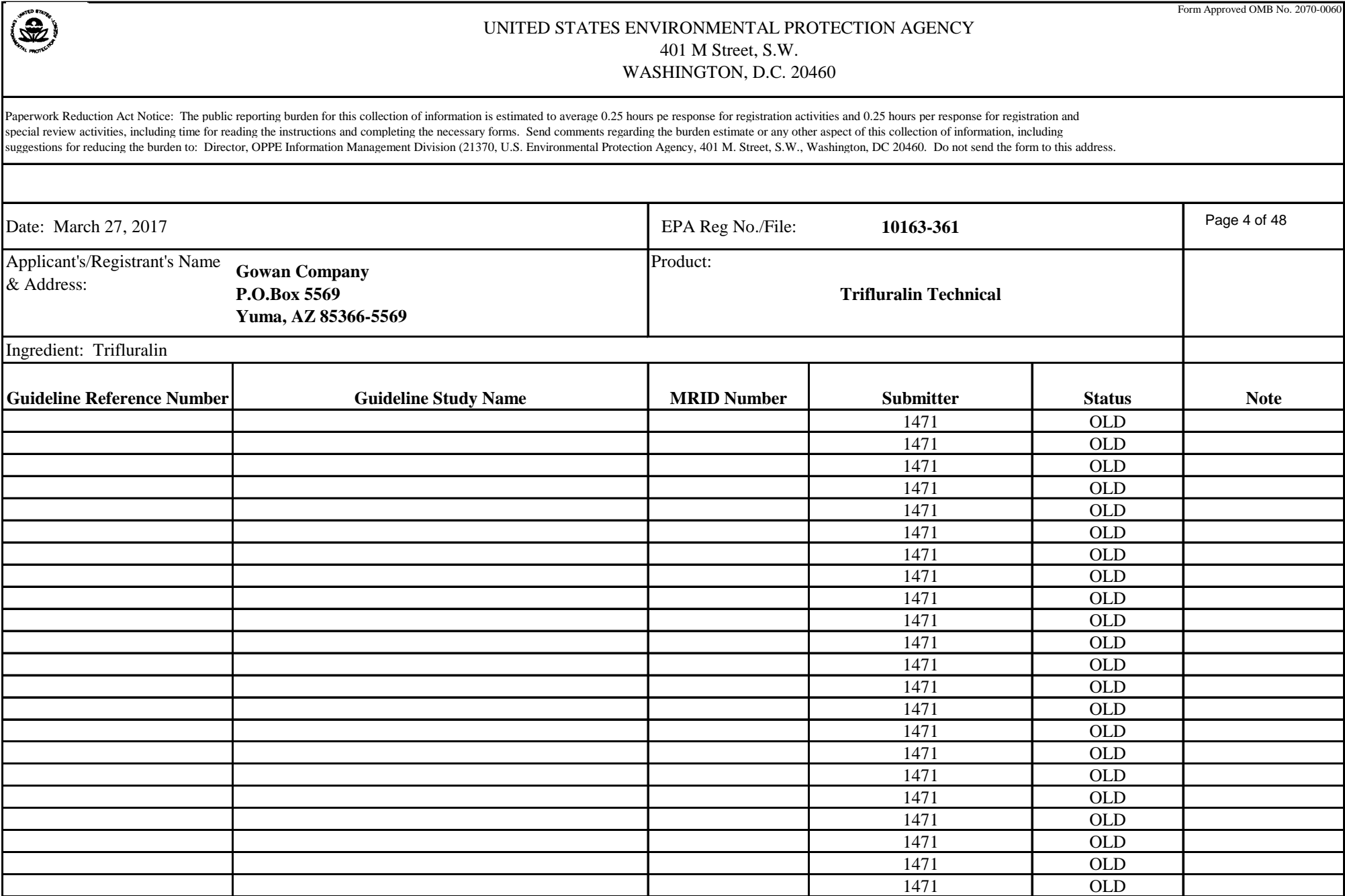


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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
71-2(b)	Avian Dietary Tox	00138858	1471	OLD	
71-4(a)	Avian Reproduction	00131134	1471	OLD	
71-4(b)	Avian Reproduction	00131132	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00165223	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00155975	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00155974	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00105736	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00124897	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00108273	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00105768	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00104847	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00105763	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00091282	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00083649	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00076446	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00058737	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00105767	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00105709	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00105778	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00105761	1471	OLD	
72-1	Fish Acute Tox, Freshwater and Marine	00105766	1471	OLD	
72-3	Mysid Acute Tox	40674801	1471	OLD	





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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-3	Mysid Acute Tox	00165225	1471	OLD	
72-3(a)	Fish Acute Tox, Freshwater and Marine	WAIVER	TDDC	OLD	
72-3(a)	Fish Acute Tox, Freshwater and Marine	42449901	TDDC	OLD	
72-3(b)	Fish Acute Tox, Freshwater and Marine	WAIVER	TDDC	OLD	
72-3(b)	Fish Acute Tox, Freshwater and Marine	42449902	TDDC	OLD	
72-4	Fish Early Life Stage Tox	42439601	TDDC	OLD	
72-4	Fish Early Life Stage Tox	41386202	62719	OLD	
72-4	Fish Early Life Stage Tox	00105688	1471	OLD	
72-4	Fish Early Life Stage Tox	00081054	1471	OLD	
72-4	Fish Early Life Stage Tox	00053775	1471	OLD	
72-4	Fish Early Life Stage Tox	00029839	1471	OLD	
72-4	Fish Early Life Stage Tox	00027401	1471	OLD	
72-4	Fish Early Life Stage Tox	00024296	1471	OLD	
72-4(b)	Daphnid Chronic Tox	41386201	62719	OLD	
72-7	Field Testing for Aquatic Organisms	42705401	62719	OLD	
72-7	Field Testing for Aquatic Organisms	40809601	1471	OLD	
72-7	Field Testing for Aquatic Organisms	05001497	1471	OLD	
72-7	Field Testing for Aquatic Organisms	00165223	1471	OLD	
72-7	Field Testing for Aquatic Organisms	00145029	1471	OLD	
72-7	Field Testing for Aquatic Organisms	00105763	1471	OLD	
72-7	Field Testing for Aquatic Organisms	00105736	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			TDDC	OLD	
			TDDC	OLD	
			TDDC	OLD	
			TDDC	OLD	
			TDDC	OLD	
			TDDC	OLD	
			62719	OLD	
			1471	OLD	
			1471	OLD	
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			1471	OLD	
			1471	OLD	
			1471	OLD	
			62719	OLD	
			62719	OLD	
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	An Assessment of the Potential Hazard to Aquatic Organisms Resulting from the Agricultural Use of Treflan: a Response to EPA's PD4 Requirement for a Field Monitoring Study	00144920	1471	OLD	
N/A	Meeting with Representatives of Eli 1471 & Co. - Treflan (Unpublished study received on unknown date under unknown admin no.; prepared by U.S. Fish and Wildlife Service Div. of Sport Fisheries, Fish-Pesticide Research Laboratory	00029837	1471	OLD	
82-1(a)	90-Day Oral Tox in Rodents	41086101	1471	OLD	
82-1(a)	90-Day Oral Tox in Rodents	40411904	1471	OLD	
82-1(a)	90-Day Oral Tox in Rodents	00157156	1471	OLD	
82-1(a)	90-Day Oral Tox in Rodents	00157155	1471	OLD	
82-1(a)	90-Day Oral Tox in Rodents	00157154	1471	OLD	
82-1(a)	90-Day Oral Tox in Rodents	00124897	1471	OLD	
82-1(a)	90-Day Oral Tox in Rodents	00119043	1471	OLD	
82-1(a)	90-Day Oral Tox in Rodents	00105739	1471	OLD	
82-1(b)	90 Day Feeding Study in the Non Rodent	40411904	1471	OLD	
82-1(b)	90 Day Feeding Study in the Non Rodent	00165219	1471	OLD	
82-1(b)	90 Day Feeding Study in the Non Rodent	00134326	1471	OLD	
82-1(b)	90 Day Feeding Study in the Non Rodent	00105739	1471	OLD	
82-2	21/28 Day Dermal Toxicity	44135105	62719	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			1471	OLD	
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			1471	OLD	
			1471	OLD	
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			1471	OLD	
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			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			62719	OLD	



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Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
82-2	21/28 Day Dermal Toxicity	44135106	62719	OLD	
82-2	21/28 Day Dermal Toxicity	40279601	1471	OLD	
82-2	21/28 Day Dermal Toxicity	00152888	1471	OLD	
82-2	21/28 Day Dermal Toxicity	00149189	1471	OLD	
82-3	90 Day Dermal Toxicity	00105764	1471	OLD	
82-3	90 Day Dermal Toxicity	00105762	1471	OLD	
82-3	90 Day Dermal Toxicity	00079063	1471	OLD	
83-1	Chronic Toxicity	00165219	1471	OLD	
83-1	Chronic Toxicity	00124894	1471	OLD	
83-1	Chronic Toxicity	00105719	1471	OLD	
83-1	Chronic Toxicity	00081056	1471	OLD	
83-1	Chronic Toxicity	00081053	1471	OLD	
83-1	Chronic Toxicity	00076447	1471	OLD	
83-1	Chronic Toxicity	00058737	1471	OLD	
83-1(a)	Chronic Toxicity - Rodent	40138301	1471	OLD	
83-1(a)	Chronic Toxicity - Rodent	00124309	1471	OLD	
83-1(a)	Chronic Toxicity - Rodent	00062607	1471	OLD	
83-1(a)	Chronic Toxicity - Rodent	00044338	1471	OLD	
83-1(a)	Chronic Toxicity - Rodent	00044337	1471	OLD	
83-1(a)	Chronic Toxicity - Rodent	00104127	1471	OLD	
83-1(b)	Chronic Toxicity - Non Rodent	42447001	62719	OLD	
83-1(b)	Chronic Toxicity - Non Rodent	00104127	1471	OLD	



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			62719	OLD	
			1471	OLD	
			1471	OLD	
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			62719	OLD	
			1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-1(b)	Chronic Toxicity - Non Rodent	00083645	1471	OLD	
83-2	Carcinogenicity	00124928	1471	OLD	
83-2	Carcinogenicity	00124899	1471	OLD	
83-2	Carcinogenicity	00124894	1471	OLD	
83-2	Carcinogenicity	00124889	1471	OLD	
83-2	Carcinogenicity	00062665	1471	OLD	
83-2	Carcinogenicity	00062606	1471	OLD	
83-2	Carcinogenicity	00044337	1471	OLD	
83-3	Prenatal Development Tox	00165219	1471	OLD	
83-3	Prenatal Development Tox	00119043	1471	OLD	
83-3	Prenatal Development Tox	00083647	1471	OLD	
83-3	Prenatal Development Tox	00058737	1471	OLD	
83-3(a)	Prenatal Developmental Tox - Rats	00152419	1471	OLD	
83-3(a)	Prenatal Developmental Tox - Rats	00147143	1471	OLD	
83-3(a)	Prenatal Developmental Tox - Rats	00134324	1471	OLD	
83-3(b)	Prenatal Developmental Tox - Rabbit	00152421	1471	OLD	
83-3(b)	Prenatal Developmental Tox - Rabbit	00152420	1471	OLD	
83-3(b)	Prenatal Developmental Tox - Rabbit	00133422	1471	OLD	
83-4	Reproduction and Fertility Effects	44135107	62719	OLD	
83-4	Reproduction and Fertility Effects	00165219	1471	OLD	
83-4	Reproduction and Fertility Effects	00162543	1471	OLD	
83-4	Reproduction and Fertility Effects	00144552	1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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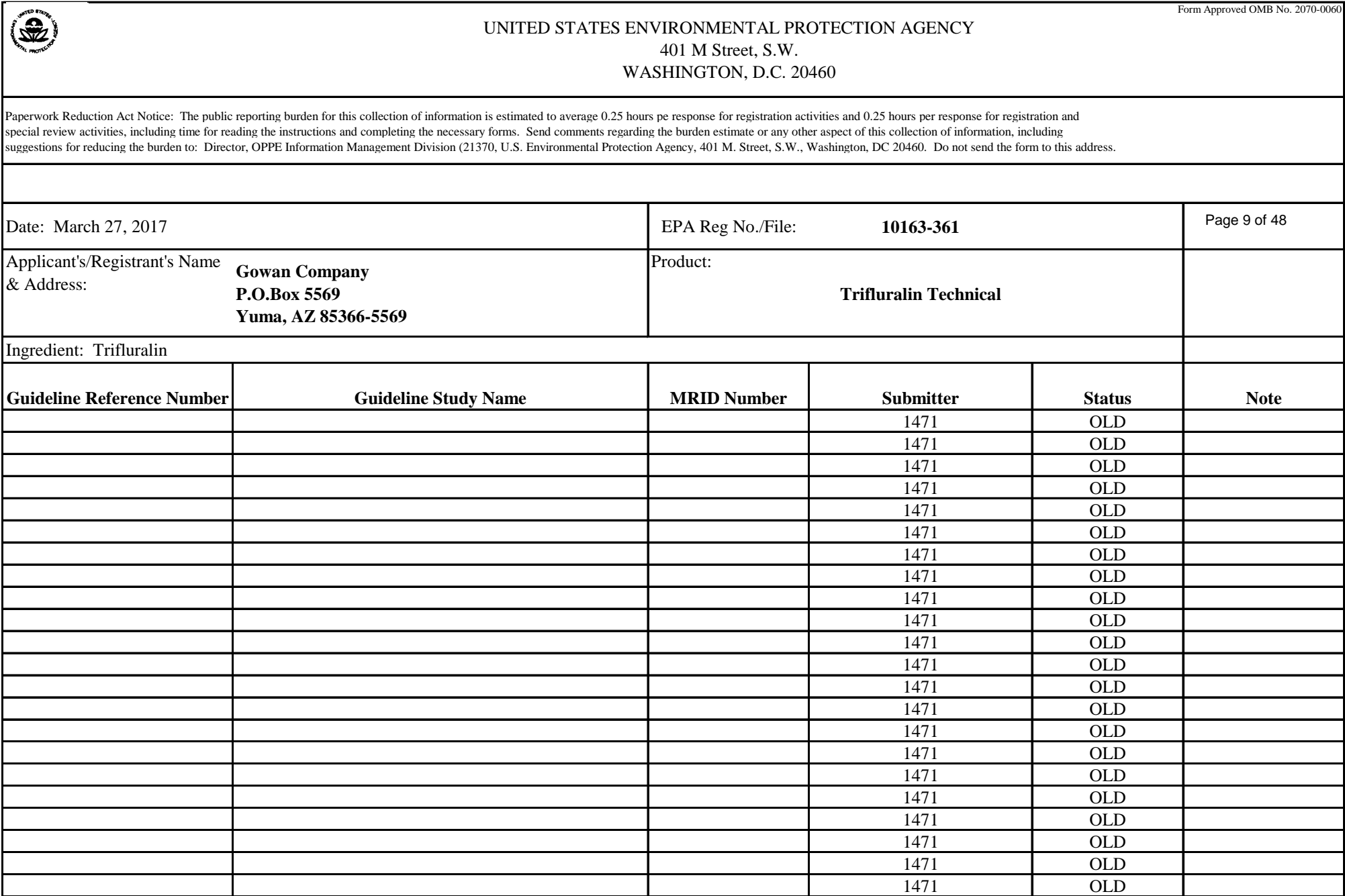


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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-4	Reproduction and Fertility Effects	00134325	1471	OLD	
83-4	Reproduction and Fertility Effects	00133422	1471	OLD	
83-4	Reproduction and Fertility Effects	00133418	1471	OLD	
83-4	Reproduction and Fertility Effects	00124895	1471	OLD	
83-4	Reproduction and Fertility Effects	00119043	1471	OLD	
83-4	Reproduction and Fertility Effects	00083646	1471	OLD	
83-4	Reproduction and Fertility Effects	00081056	1471	OLD	
83-4	Reproduction and Fertility Effects	00058737	1471	OLD	
84-2(a)	Gene Mutation	41000301	1471	OLD	
84-2(a)	Gene Mutation	00133426	1471	OLD	
84-2(a)	Gene Mutation	00133425	1471	OLD	
84-2(a)	Gene Mutation	00129060	1471	OLD	
84-2(a)	Gene Mutation	00129059	1471	OLD	
84-2(a)	Gene Mutation	00126662	1471	OLD	
84-2(a)	Gene Mutation	00126661	1471	OLD	
84-2(a)	Gene Mutation	00126660	1471	OLD	
84-2(a)	Gene Mutation	00126659	1471	OLD	
84-2(a)	Gene Mutation	00125315	1471	OLD	
84-2(a)	Gene Mutation	00125312	1471	OLD	
84-2(a)	Gene Mutation	00124901	1471	OLD	
85-1	Metabolism and Pharmacokinetics	41218901	1471	OLD	
85-1	Metabolism and Pharmacokinetics	00124920	1471	OLD	





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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
85-1	Metabolsim and Pharmacokinetics	00124900	1471	OLD	
85-1	Metabolsim and Pharmacokinetics	00124897	1471	OLD	
85-1	Metabolsim and Pharmacokinetics	00105760	1471	OLD	
85-1	Metabolsim and Pharmacokinetics	00105743	1471	OLD	
85-1	Metabolsim and Pharmacokinetics	00081055	1471	OLD	
85-1	Metabolsim and Pharmacokinetics	00080324	1471	OLD	
85-1	Metabolsim and Pharmacokinetics	00080320	1471	OLD	
85-1	Metabolsim and Pharmacokinetics	00080319	1471	OLD	
85-2	Dermal Penetration	40673701	1471	OLD	
86-1	Companion Animal Safety	00124898	1471	OLD	
86-1	Companion Animal Safety	00083652	1471	OLD	
86-1	Companion Animal Safety	00080322	1471	OLD	
86-1	Companion Animal Safety	00080321	1471	OLD	
86-1	Companion Animal Safety	00080318	1471	OLD	
86-1	Companion Animal Safety	00058737	1471	OLD	
N/A	Human Poisoning: Case Histories	00165222	1471	OLD	
N/A	Trifluralin Part II: Absorption Studies in Man	00165221	1471	OLD	
N/A	Data Evaluation Record for Trifluralin: Uterotrophic Assay in the Immature Female Crl:CD(SD) Rat	48619709	62719	OWN	
N/A	Data Evaluation Record for Trifluralin: Evaluation of Trifluralin in the In Vitro Steroidogenesis Assay	48619708	62719	OWN	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Data Evaluation Record for Trifluralin:Trifluralin Hershberger Assay in Castrated Adult Male CrI:CD(SD) Rats	48619707	62719	OWN	
N/A	Data Evaluation Record for Trifluralin: A Fish Short-Term Reproduction Assay with the Fathead Minnow Pimephales promelas	48619706	62719	OWN	
N/A	Data Evaluation Record for Trifluralin: Evaluation of Trifluralin in an Invitro Estrogen Receptor Transcriptional Activation Assay in Human Cell Line hERa-HELA-9903	48619705	62719	OWN	
N/A	Data Evaluation Record for Trifluralin: Evaluation of Trifluralin in an In Vitro Estrogen Receptor Binding Assay	48619704	62719	OWN	
N/A	Data Evaluation Record for Trifluralin: Trifluralin Evaluation of Trifluralin in the Human Recombinant Aromatase Assay	48619703	62719	OWN	
N/A	Data Evaluation Record for Trifluralin: Evaluation of Trifluralin in an Invitro Androgen Receptor Binding Assay	48619702	62719	OWN	
N/A	Data Evaluation Record for Trifluralin: The Amphibian Metamorphosis Assay Using the African Clawed Frog, Xenopus Laevis	48619701	62719	OWN	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Acute Oral Toxicity to Mice: Trifluralin Summary	00165220	1471	OLD	
N/A	Review of Rat and Rabbit Teratology Studies of Trifluralin (EL-152)	00151241	1471	OLD	
N/A	A Teratology Study of Trifluralin Administered Orally to Dutch Belted Rabbits: Interim Report	00147142	1471	OLD	
N/A	A Generation Study in Wistar Rats Given Trifluralin in the Diet: Interim Report	00147141	1471	OLD	
N/A	Genetic Toxicology Studies with Trifluralin (Compound 36352): Summary	00133424	1471	OLD	
N/A	Induction of Gene Conversion in Diploid Yeast by Chemicals: Correlation with Mutagenic Action and its Relevance in Genotoxicity Screening	00125313	1471	OLD	
N/A	Preliminary Risk Estimates for Treflan Applicators from NDPA Inhalation: Pre-RPAR Review Submission #12	00124930	1471	OLD	
N/A	Additional NDPA Monitoring Studies: Pre-RPAR Review Submission #1	00124929	1471	OLD	
N/A	Protocols for Chronic Toxicity/Oncogenic Evaluation of Trifluralin in Rats and Mice: Pre-RPAR Review Submission #6	00124927	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Minutes: Sixth Meeting of the Data Evaluation/Risk Assessment Subgroup of the Clearinghouse on Environmental Carcinogens; November 28, 1977, Bethesda, MD: Pre-RPAR Review Submission #11	00124925	1471	OLD	
N/A	The Assessment of Risk Resulting From Exposure to the Nitrosamine Impurity in Treflan EC: Pre-RPAR Review Submission #17	00124921	1471	OLD	
N/A	Occupational Hazards in the Handling of Trifluralin: Pre-RPAR Review Submission #3	00124896	1471	OLD	
N/A	The Toxicology of Trifluralin: Pre RPAR Review Submission #3	00124893	1471	OLD	
N/A	Treflan EC Air Monitoring Experiments: Photographs	00124888	1471	OLD	
N/A	A Teratology Study in Dutch Belted Rabbits Given Oral Doses of Trifluralin	00119041	1471	OLD	
N/A	A Generation Study in Wistar Rats Given Trifluralin in the Diet	00119040	1471	OLD	
N/A	A Dominant Lethal Study in Wistar Rats Given Oral Doses of Trifluralin	00119039	1471	OLD	
N/A	Long-Term Feeding Studies in Rats with Trifluralin	00105779	1471	OLD	
N/A	The Toxicology of Some Metabolites of Trifluralin	00083648	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	The Toxicity of Trifluralin, Treflan, an Herbicide to Mammals and Chickens	00082340	1471	OLD	
N/A	The Toxicity of Trifluralin, Treflan, an Herbicide to Mammals and Chickens	00080325	1471	OLD	
N/A	General Summary: Toxicity of Trifluralin. Summary of studies 090692-C and 090692-D	00076445	1471	OLD	
N/A	The Toxicity of Trifluralin 1960-1966	00076444	1471	OLD	
N/A	The Toxicologic Evaluation of Benefin and Trifluralin	00024637	1471	OLD	
121-1	Target Area Phytotoxicity	40411905	1471	OLD	
121-1	Target Area Phytotoxicity	00142364	1471	OLD	
121-1	Target Area Phytotoxicity	00142363	1471	OLD	
121-1	Target Area Phytotoxicity	00140740	1471	OLD	
121-1	Target Area Phytotoxicity	00140738	1471	OLD	
121-1	Target Area Phytotoxicity	00140736	1471	OLD	
121-1	Target Area Phytotoxicity	00140732	1471	OLD	
121-1	Target Area Phytotoxicity	00136795	1471	OLD	
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121-1	Target Area Phytotoxicity	00136793	1471	OLD	
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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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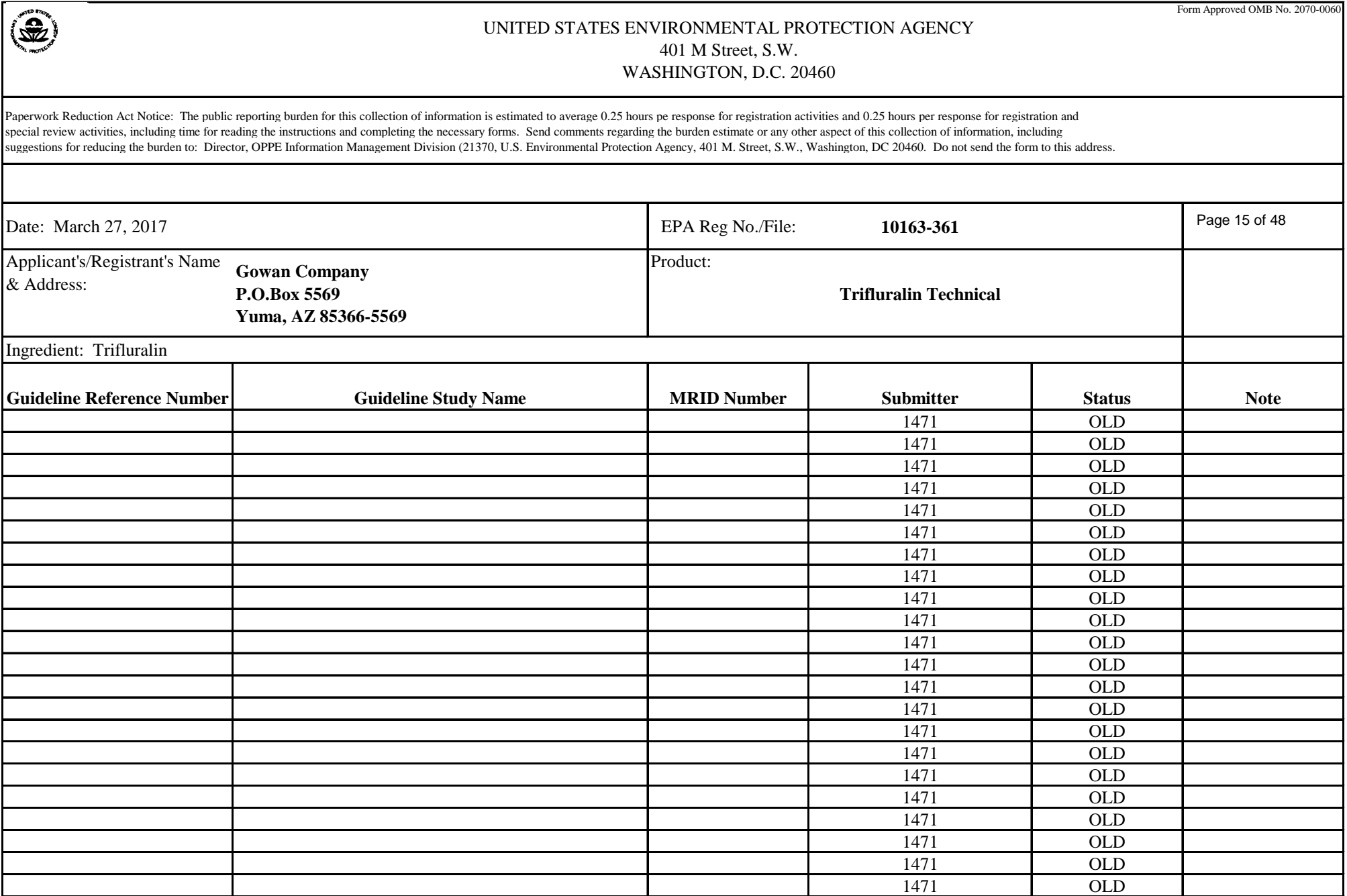


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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
121-1	Target Area Phytotoxicity	00136788	1471	OLD	
121-1	Target Area Phytotoxicity	00136772	1471	OLD	
121-1	Target Area Phytotoxicity	00134431	1471	OLD	
121-1	Target Area Phytotoxicity	00133940	1471	OLD	
121-1	Target Area Phytotoxicity	00130154	1471	OLD	
121-1	Target Area Phytotoxicity	00125317	1471	OLD	
121-1	Target Area Phytotoxicity	00106722	1471	OLD	
121-1	Target Area Phytotoxicity	00106720	1471	OLD	
121-1	Target Area Phytotoxicity	00106719	1471	OLD	
121-1	Target Area Phytotoxicity	00106718	1471	OLD	
121-1	Target Area Phytotoxicity	00106717	1471	OLD	
121-1	Target Area Phytotoxicity	00106713	1471	OLD	
121-1	Target Area Phytotoxicity	00106712	1471	OLD	
121-1	Target Area Phytotoxicity	00106711	1471	OLD	
121-1	Target Area Phytotoxicity	00106709	1471	OLD	
121-1	Target Area Phytotoxicity	00106705	1471	OLD	
121-1	Target Area Phytotoxicity	00105789	1471	OLD	
121-1	Target Area Phytotoxicity	00105781	1471	OLD	
121-1	Target Area Phytotoxicity	00105774	1471	OLD	
121-1	Target Area Phytotoxicity	00105770	1471	OLD	
121-1	Target Area Phytotoxicity	00105758	1471	OLD	
121-1	Target Area Phytotoxicity	00105747	1471	OLD	





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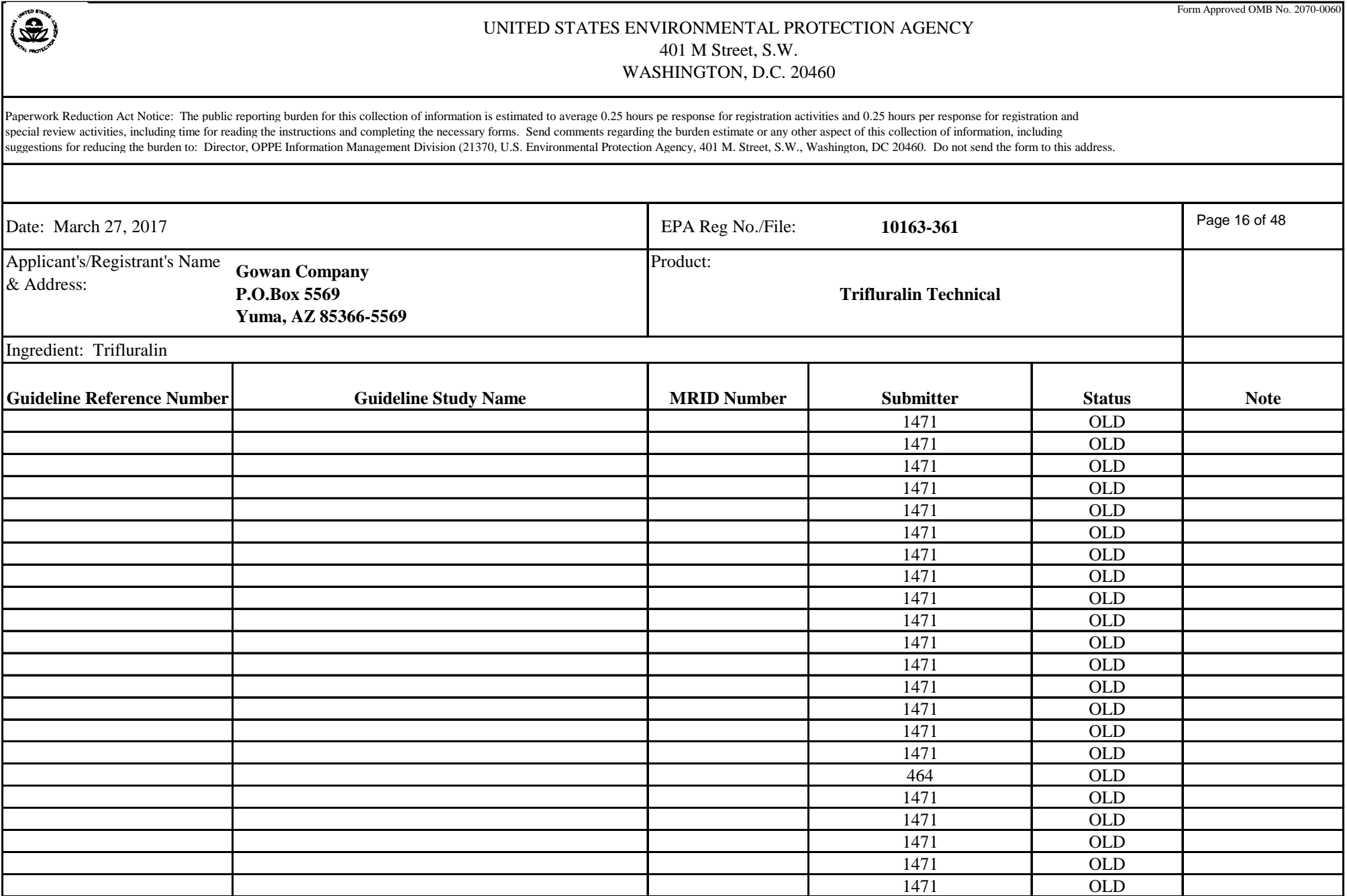
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
121-1	Target Area Phytotoxicity	00105731	1471	OLD	
121-1	Target Area Phytotoxicity	00105711	1471	OLD	
121-1	Target Area Phytotoxicity	00105703	1471	OLD	
121-1	Target Area Phytotoxicity	00105701	1471	OLD	
121-1	Target Area Phytotoxicity	00105700	1471	OLD	
121-1	Target Area Phytotoxicity	00105699	1471	OLD	
121-1	Target Area Phytotoxicity	00105686	1471	OLD	
121-1	Target Area Phytotoxicity	00105685	1471	OLD	
121-1	Target Area Phytotoxicity	00105684	1471	OLD	
121-1	Target Area Phytotoxicity	00105682	1471	OLD	
121-1	Target Area Phytotoxicity	00105680	1471	OLD	
121-1	Target Area Phytotoxicity	00105656	1471	OLD	
121-1	Target Area Phytotoxicity	00105652	1471	OLD	
121-1	Target Area Phytotoxicity	00105651	1471	OLD	
121-1	Target Area Phytotoxicity	00105647	1471	OLD	
121-1	Target Area Phytotoxicity	00066087	1471	OLD	
121-1	Target Area Phytotoxicity	00037771	464	OLD	
121-1	Target Area Phytotoxicity	00033950	1471	OLD	
121-1	Target Area Phytotoxicity	00031805	1471	OLD	
121-1	Target Area Phytotoxicity	00030998	1471	OLD	
121-1	Target Area Phytotoxicity	00030211	1471	OLD	
121-1	Target Area Phytotoxicity	00027257	1471	OLD	





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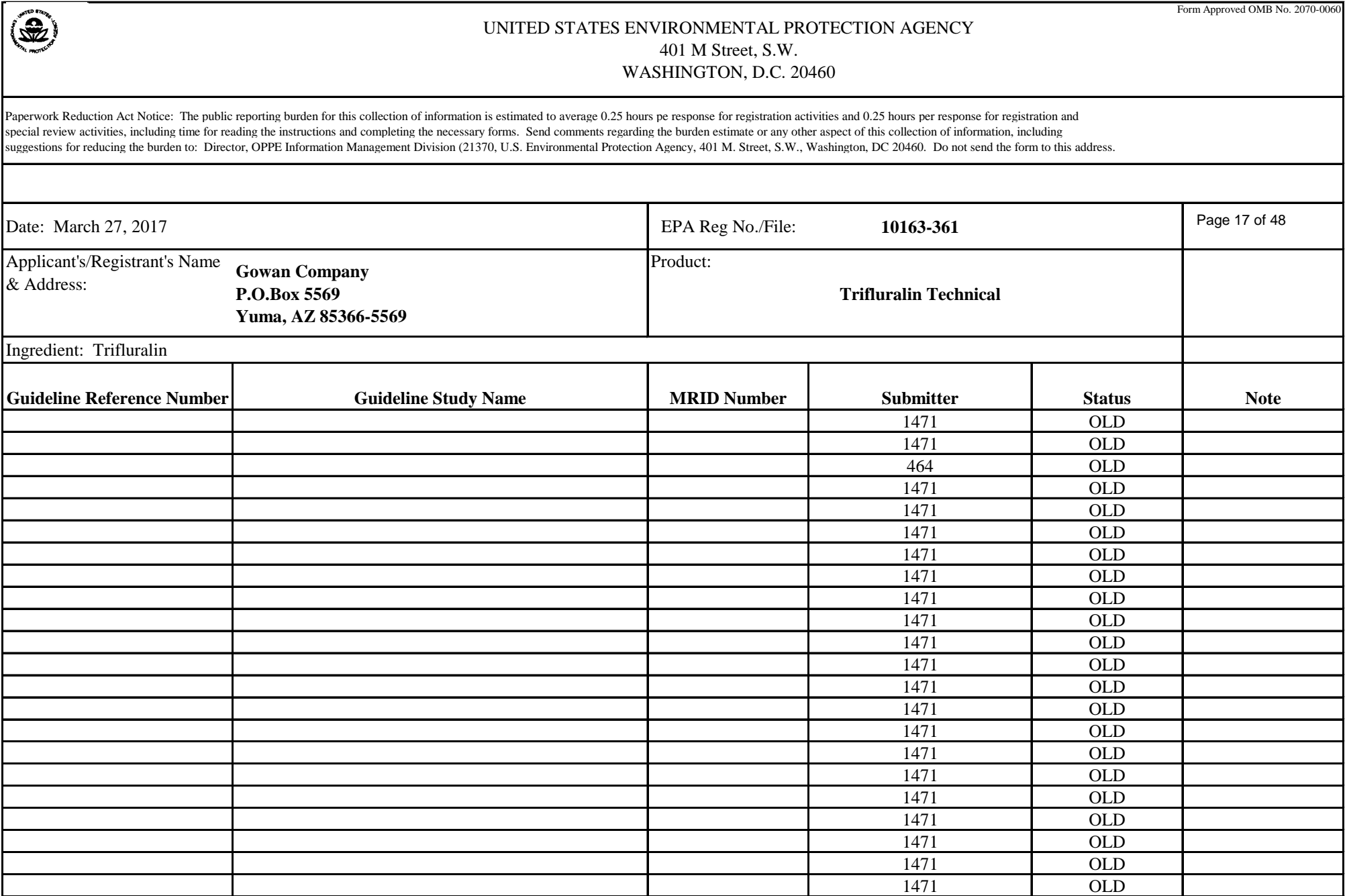
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
121-1	Target Area Phytotoxicity	00027256	1471	OLD	
121-1	Target Area Phytotoxicity	00026880	1471	OLD	
121-1	Target Area Phytotoxicity	00026684	464	OLD	
121-1	Target Area Phytotoxicity	00026651	1471	OLD	
121-1	Target Area Phytotoxicity	00026530	1471	OLD	
121-1	Target Area Phytotoxicity	00024493	1471	OLD	
121-1	Target Area Phytotoxicity	00023056	1471	OLD	
121-1	Target Area Phytotoxicity	00022227	1471	OLD	
121-1	Target Area Phytotoxicity	00020711	1471	OLD	
121-1	Target Area Phytotoxicity	00012176	1471	OLD	
121-1	Target Area Phytotoxicity	00003260	1471	OLD	
121-1	Target Area Phytotoxicity	00003258	1471	OLD	
121-1	Target Area Phytotoxicity	00003257	1471	OLD	
121-1	Target Area Phytotoxicity	00003243	1471	OLD	
121-1	Target Area Phytotoxicity	00003242	1471	OLD	
121-1	Target Area Phytotoxicity	00002805	1471	OLD	
121-1	Target Area Phytotoxicity	00002804	1471	OLD	
121-1	Target Area Phytotoxicity	00002803	1471	OLD	
121-1	Target Area Phytotoxicity	00002802	1471	OLD	
121-1	Target Area Phytotoxicity	00002800	1471	OLD	
121-1	Target Area Phytotoxicity	00002799	1471	OLD	
121-1	Target Area Phytotoxicity	00002798	1471	OLD	





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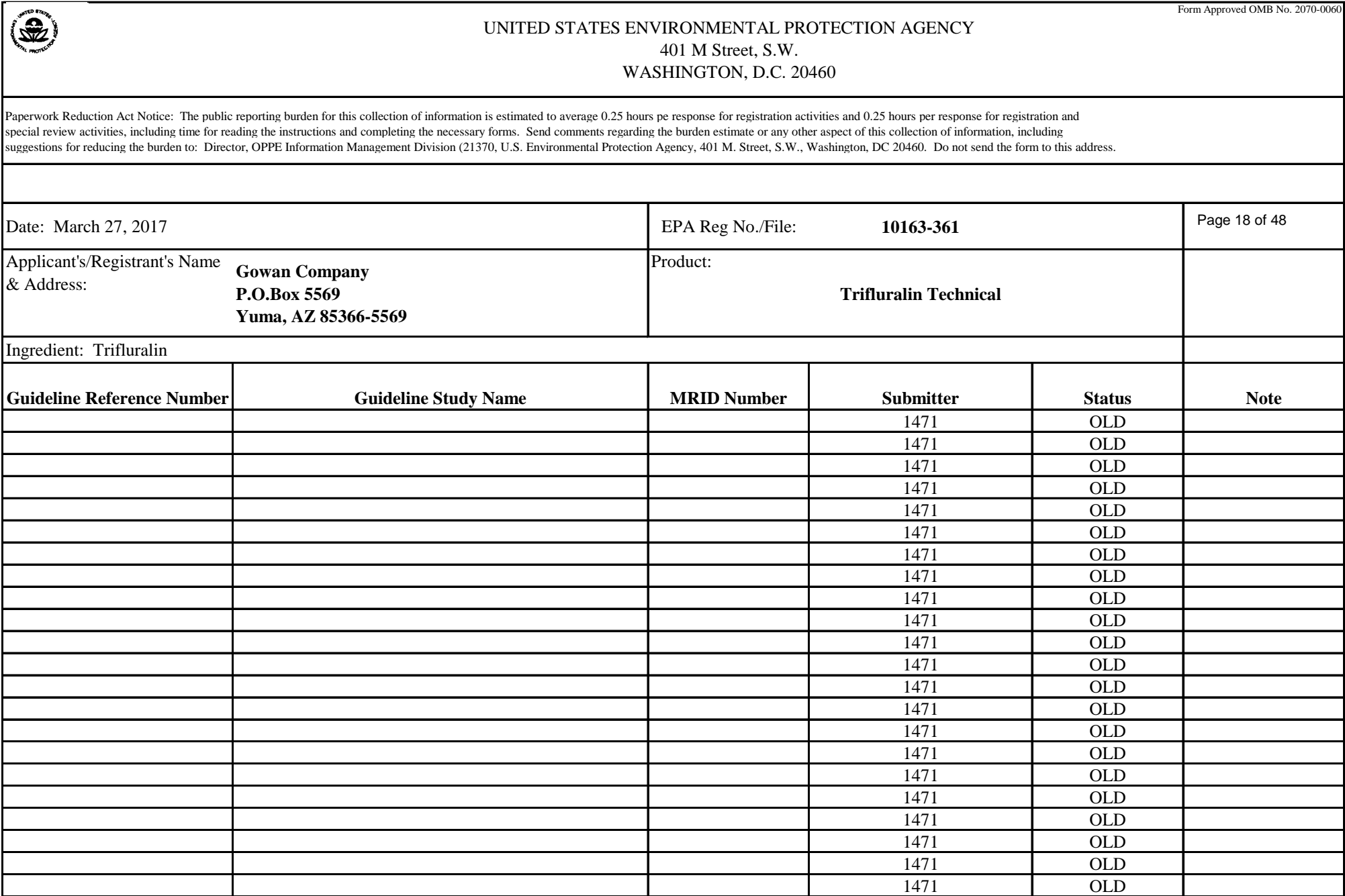
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Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
121-1	Target Area Phytotoxicity	00002769	1471	OLD	
121-1	Target Area Phytotoxicity	00002758	1471	OLD	
121-1	Target Area Phytotoxicity	00002757	1471	OLD	
121-1	Target Area Phytotoxicity	00002756	1471	OLD	
121-1	Target Area Phytotoxicity	00002753	1471	OLD	
121-1	Target Area Phytotoxicity	00002752	1471	OLD	
121-1	Target Area Phytotoxicity	00002750	1471	OLD	
121-1	Target Area Phytotoxicity	00002749	1471	OLD	
121-1	Target Area Phytotoxicity	00002748	1471	OLD	
121-1	Target Area Phytotoxicity	00002744	1471	OLD	
121-1	Target Area Phytotoxicity	00002739	1471	OLD	
121-1	Target Area Phytotoxicity	00002738	1471	OLD	
121-1	Target Area Phytotoxicity	00002737	1471	OLD	
121-1	Target Area Phytotoxicity	00002736	1471	OLD	
121-1	Target Area Phytotoxicity	00002735	1471	OLD	
121-1	Target Area Phytotoxicity	00002734	1471	OLD	
121-1	Target Area Phytotoxicity	00002733	1471	OLD	
121-1	Target Area Phytotoxicity	00002732	1471	OLD	
121-1	Target Area Phytotoxicity	00002731	1471	OLD	
121-1	Target Area Phytotoxicity	00002730	1471	OLD	
121-1	Target Area Phytotoxicity	00002729	1471	OLD	
121-1	Target Area Phytotoxicity	00002728	1471	OLD	





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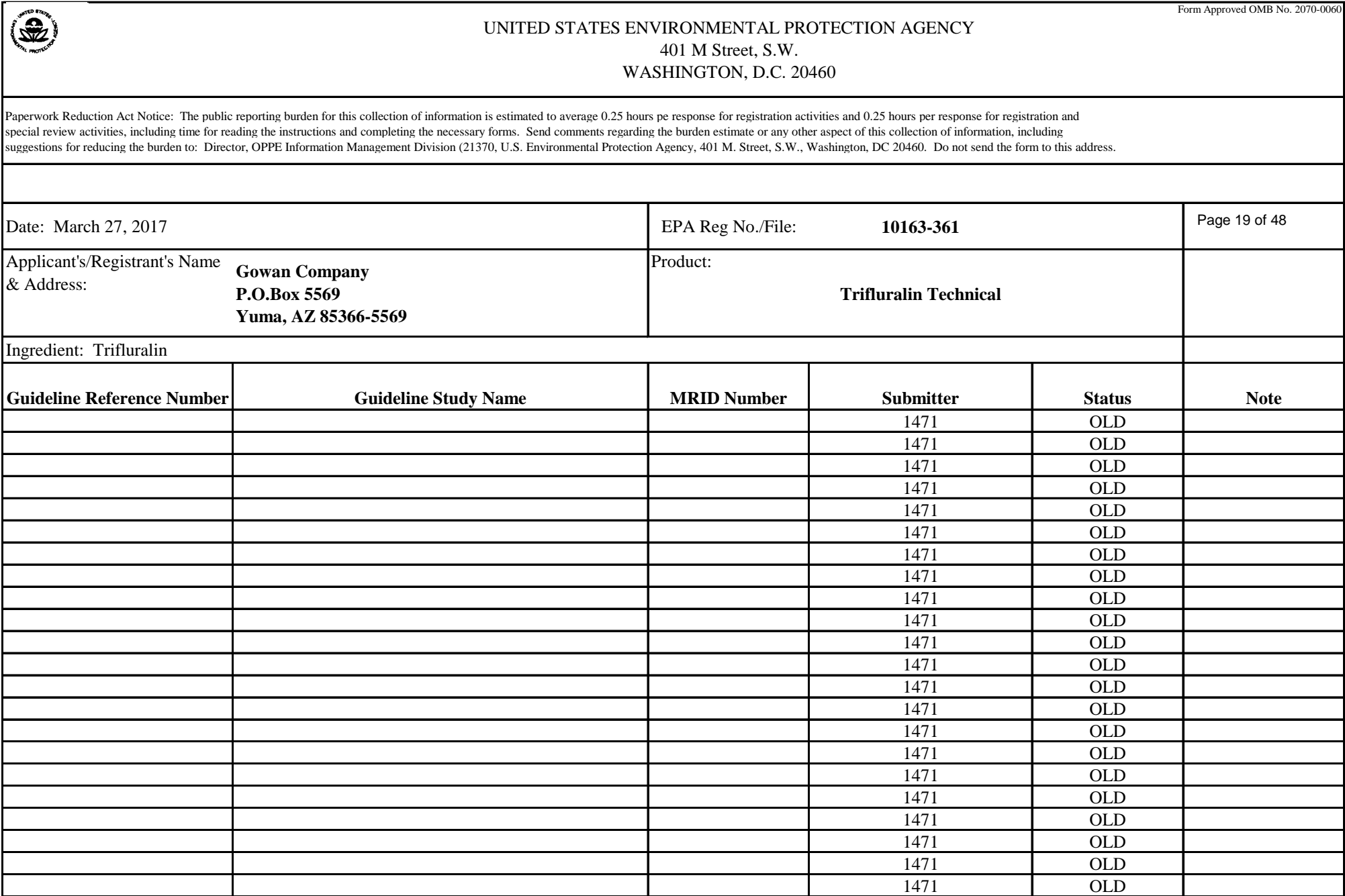
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Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
121-1	Target Area Phytotoxicity	00002726	1471	OLD	
121-1	Target Area Phytotoxicity	00002725	1471	OLD	
121-1	Target Area Phytotoxicity	00002724	1471	OLD	
121-1	Target Area Phytotoxicity	00002722	1471	OLD	
121-1	Target Area Phytotoxicity	00002721	1471	OLD	
121-1	Target Area Phytotoxicity	00002720	1471	OLD	
121-1	Target Area Phytotoxicity	00002719	1471	OLD	
121-1	Target Area Phytotoxicity	00002718	1471	OLD	
121-1	Target Area Phytotoxicity	00002717	1471	OLD	
121-1	Target Area Phytotoxicity	00002716	1471	OLD	
121-1	Target Area Phytotoxicity	00002715	1471	OLD	
121-1	Target Area Phytotoxicity	00002714	1471	OLD	
121-1	Target Area Phytotoxicity	00002713	1471	OLD	
121-1	Target Area Phytotoxicity	00002712	1471	OLD	
121-1	Target Area Phytotoxicity	00002711	1471	OLD	
121-1	Target Area Phytotoxicity	00002710	1471	OLD	
121-1	Target Area Phytotoxicity	00002709	1471	OLD	
121-1	Target Area Phytotoxicity	00002708	1471	OLD	
121-1	Target Area Phytotoxicity	00002707	1471	OLD	
121-1	Target Area Phytotoxicity	00002706	1471	OLD	
121-1	Target Area Phytotoxicity	00002705	1471	OLD	
121-1	Target Area Phytotoxicity	00002704	1471	OLD	



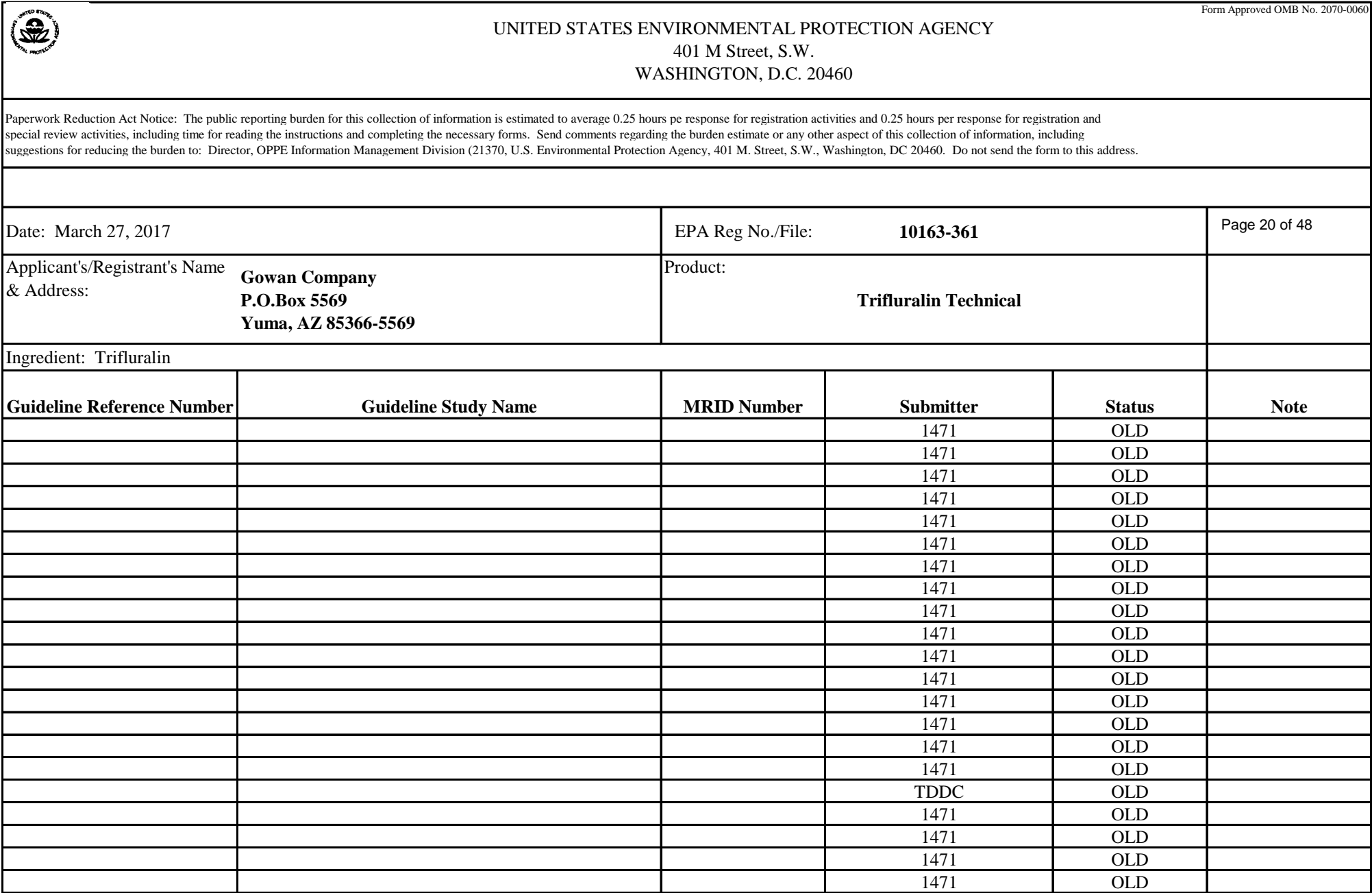


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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
121-1	Target Area Phytotoxicity	00002703	1471	OLD	
121-1	Target Area Phytotoxicity	00002702	1471	OLD	
121-1	Target Area Phytotoxicity	00002701	1471	OLD	
121-1	Target Area Phytotoxicity	00002700	1471	OLD	
121-1	Target Area Phytotoxicity	00002698	1471	OLD	
121-1	Target Area Phytotoxicity	00002697	1471	OLD	
121-1	Target Area Phytotoxicity	00002696	1471	OLD	
121-1	Target Area Phytotoxicity	00002695	1471	OLD	
121-1	Target Area Phytotoxicity	00002585	1471	OLD	
121-1	Target Area Phytotoxicity	00002573	1471	OLD	
121-1	Target Area Phytotoxicity	00002572	1471	OLD	
121-1	Target Area Phytotoxicity	00002571	1471	OLD	
121-1	Target Area Phytotoxicity	00002570	1471	OLD	
121-1	Target Area Phytotoxicity	00002567	1471	OLD	
122-1(a)	Terrestrial Plant Tox, Tier I (Seedling Emergence)	00142367	1471	OLD	
122-1(b)	Terrestrial Plant Tox, Tier I (Vegetative Vigor)	00142367	1471	OLD	
122-1(a)	Tier I: Seed / Seedling Germination	41934501	TDDC	OLD	
122-1(a)	Terrestrial Plant Tox, Tier I (Seedling Emergence)	00142367	1471	OLD	
122-1(a)	Terrestrial Plant Toxicity, Tier I (seedling emergence)	00141258	1471	OLD	
122-1(b)	Terrestrial Plant Tox, Tier I (Vegetative Vigor)	00142367	1471	OLD	
122-1(b)	Terrestrial Plant Toxicity, Tier I (vegetative vigor)	00141258	1471	OLD	





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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-2	Aquatic Plant Toxicity Test Using <i>Lemna</i> spp. Tiers I and II	41934502	TDCC	OLD	
122-2	Aquatic Plant Toxicity Test Using <i>Lemna</i> spp. Tiers I and II	41536201	62719	OLD	
122-2	Aquatic Plant Toxicity Test Using <i>Lemna</i> spp. Tiers I and II	41386203	62719	OLD	
123-1(b)	Tier II: Vegetative Vigor	42695601	62719	OLD	
123-1(b)	Tier II: Vegetative Vigor	41934503	TDCC	OLD	
123-2	Algal Toxicity, Tiers I and II	47807006	62719	OLD	
123-2	Algal Toxicity, Tiers I and II	47807005	62719	OLD	
123-2	Algal Toxicity, Tiers I and II	42834104	62719	OLD	
123-2	Tier II: Aquatic Plant Growth	42834103	62719	OLD	
123-2	Algal Toxicity, Tiers I and II	42834102	62719	OLD	
123-2	Algal Toxicity, Tiers I and II	42834101	62719	OLD	
133-4	Inhalation Passive Dosimetry Exposure	00145261	1471	OLD	
N/A	Effects of Trifluralin and its Formulations on Microorganisms	00165224	1471	OLD	
N/A	Accumulation of Six Dinitroaniline Herbicides in an Aquatic Microecosystem	00144091	1471	OLD	
N/A	The Influence of the Herbicide Trifluralin on Flagellar Regeneration in Chlamydomonas <i>Experimental Cell Research 119:99-109</i>	00142377	1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			TDDC	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			TDDC	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Binding of the Herbicide Trifluralin to Chlamydomonas Flagellar Tubulin <i>J. Cell Sci. 24:351-360</i>	00142376	1471	OLD	
N/A	Trifluralin Data Call-In Ecological Effects Field Monitoring Study. Seventeen-Month Interim Report	00138616	1471	OLD	
N/A	The Influence of the Herbicide Trifluralin on Flagellar Regeneration in Chlamydomonas	00125319	1471	OLD	
N/A	Binding of the Herbicide Trifluralin to Chlamydomonas Flagellar Tubulin	00125318	1471	OLD	
N/A	Toxicity of Treflan to Earthworms: Pre-RPAR Review Submission #18	00124922	1471	OLD	
161-1	Hydrolysis	00141110	1471	OLD	
161-1	Hydrolysis	00141106	1471	OLD	
161-1	Hydrolysis	00131135	1471	OLD	
161-1	Hydrolysis	00131130	1471	OLD	
161-1	Hydrolysis	00127913	1471	OLD	
161-1	Hydrolysis	00125302	1471	OLD	
161-1	Hydrolysis	00124913	1471	OLD	
161-1	Hydrolysis	00124909	1471	OLD	
161-2	Photodegradation in Water	40560101	1471	OLD	
161-2	Photodegradation in Water	00165218	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	



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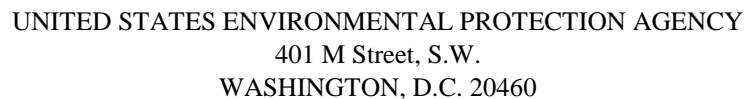
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Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-2	Photodegradation in Water	00165217	1471	OLD	
161-2	Photodegradation in Water	00142370	1471	OLD	
161-3	Photodegradation on Soil	40751301	1471	OLD	
161-3	Photodegradation on Soil	40597801	1471	OLD	
161-3	Photodegradation on Soil	00165218	1471	OLD	
161-3	Photodegradation on Soil	00165217	1471	OLD	
161-3	Photodegradation on Soil	00144921	1471	OLD	
161-3	Photodegradation on Soil	00144093	1471	OLD	
161-3	Photodegradation on Soil	00142368	1471	OLD	
161-3	Photodegradation on Soil	00141111	1471	OLD	
161-3	Photodegradation on Soil	00141103	1471	OLD	
161-3	Photodegradation on Soil	00141103	1471	OLD	
161-3	Photodegradation on Soil	00124909	1471	OLD	
161-3	Photodegradation on Soil	00114837	464	OLD	
161-3	Photodegradation on Soil	00094033	1471	OLD	
161-3	Photodegradation on Soil	00094032	1471	OLD	
161-3	Photodegradation on Soil	00002596	1471	OLD	
161-4	Photodegradation in Air	00141258	1471	OLD	
161-4	Photodegradation in Air	00124910	1471	OLD	
161-4	Photodegradation in Air	00094033	1471	OLD	
162-1	Aerobic Soil Metabolism	41240501	1471	OLD	
162-1	Aerobic Soil Metabolism	00165218	1471	OLD	



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Ingredient: Trifluralin

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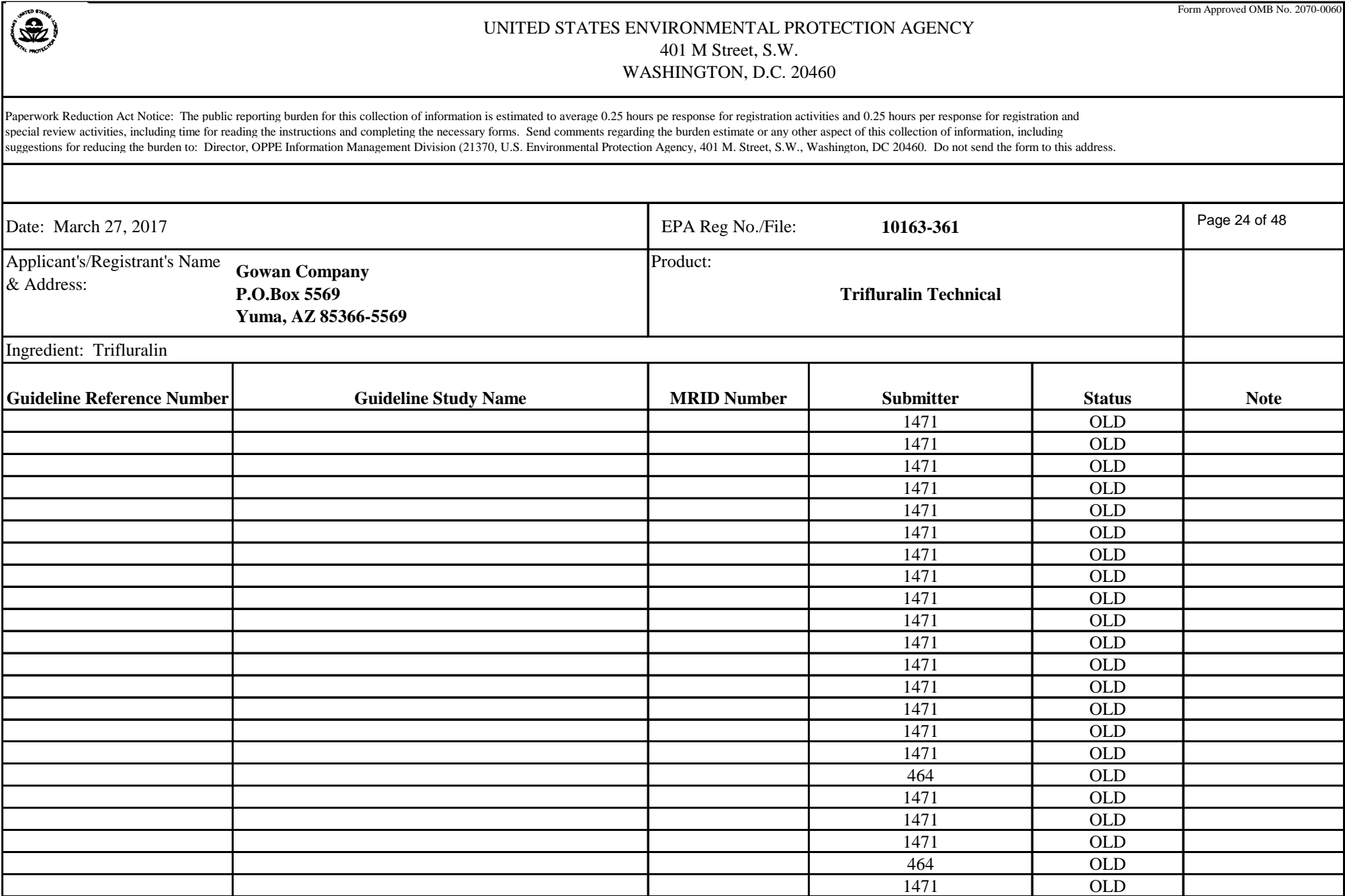
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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
162-1	Aerobic Soil Metabolism	00165217	1471	OLD	
162-1	Aerobic Soil Metabolism	00124912	1471	OLD	
162-1	Aerobic Soil Metabolism	00124911	1471	OLD	
162-1	Aerobic Soil Metabolism	00105759	1471	OLD	
162-1	Aerobic Soil Metabolism	00094032	1471	OLD	
162-2	Anaerobic Soil Metabolism Study	41240502	1471	OLD	
162-2	Anaerobic Soil Metabolism Study	00165218	1471	OLD	
162-2	Anaerobic Soil Metabolism Study	00165217	1471	OLD	
163-1	Leaching and Adsorption / Desorption	40673501	1471	OLD	
163-1	Leaching and Adsorption / Desorption	40411905	1471	OLD	
163-1	Leaching and Adsorption / Desorption	05001264	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00144922	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00142378	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00142374	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00142361	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00141258	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00128974	464	OLD	
163-1	Leaching and Adsorption / Desorption	00125302	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00124915	1471	OLD	
163-1	Leaching and Adsorption/Desorption	00124914	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00111528	464	OLD	
163-1	Leaching and Adsorption / Desorption	00105772	1471	OLD	





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Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
163-1	Leaching and Adsorption / Desorption	00105759	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00077676	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00044006	464	OLD	
163-1	Leaching and Adsorption/Desorption	00002805	1471	OLD	
163-1	Leaching and Adsorption/Desorption	00002804	1471	OLD	
163-1	Leaching and Adsorption/Desorption	00002803	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00002596	1471	OLD	
163-1	Leaching and Adsorption / Desorption	00002536	1471	OLD	
163-2	Laboratory Volatility Study	43915701	68156	OLD	
163-2	Laboratory Volatility Study	40673601	1471	OLD	
163-2	Laboratory Volatility Study	00144919	1471	OLD	
163-2	Laboratory Volatility Study	00142368	1471	OLD	
163-2	Laboratory Volatility Study	00141258	1471	OLD	
163-3	Field Volatility Study	40673601	1471	OLD	
164-1	Soil Field Dissipation Study	42309101	62719	OLD	
164-1	Soil Field Dissipation Study	41781901	62719	OLD	
164-1	Soil Field Dissipation Study	41661101	62719	OLD	
164-1	Soil Field Dissipation Study	05001264	1471	OLD	
164-1	Soil Field Dissipation Study	00144922	1471	OLD	
164-1	Soil Field Dissipation Study	00131137	1471	OLD	
164-1	Soil Field Dissipation Study	00125299	1471	OLD	
164-1	Soil Field Dissipation Study	00124916	1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			464	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			68156	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			62719	OLD	
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			1471	OLD	
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			1471	OLD	



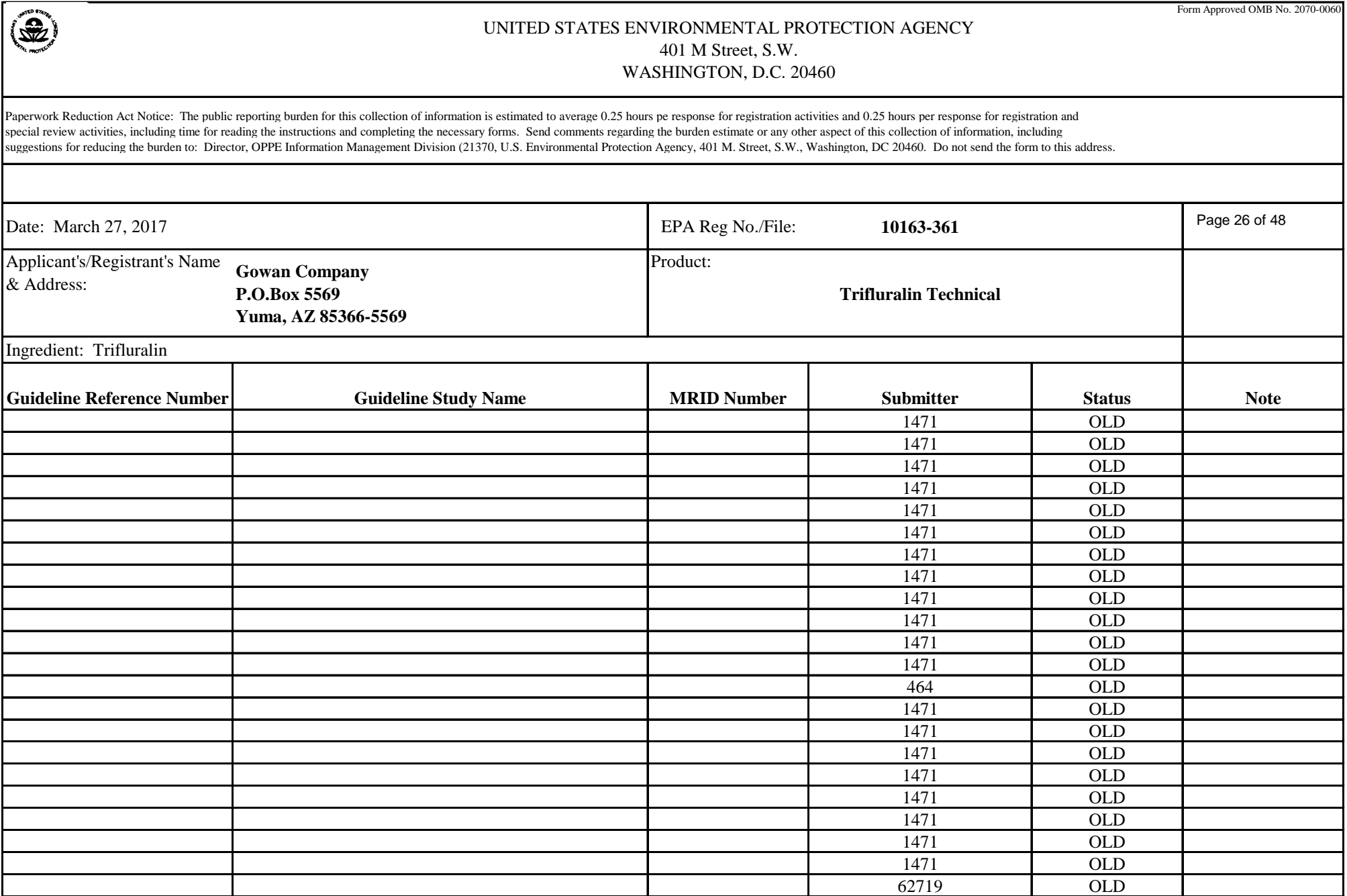
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation Study	00124916	1471	OLD	
164-1	Soil Field Dissipation Study	00124914	1471	OLD	
164-1	Soil Field Dissipation Study	00124902	1471	OLD	
164-1	Soil Field Dissipation Study	00106717	1471	OLD	
164-1	Soil Field Dissipation Study	00106709	1471	OLD	
164-1	Soil Field Dissipation Study	00106705	1471	OLD	
164-1	Soil Field Dissipation Study	00105772	1471	OLD	
164-1	Soil Field Dissipation Study	00105759	1471	OLD	
164-1	Soil Field Dissipation Study	00105753	1471	OLD	
164-1	Soil Field Dissipation Study	00105752	1471	OLD	
164-1	Soil Field Dissipation Study	00105694	1471	OLD	
164-1	Soil Field Dissipation Study	00086412	1471	OLD	
164-1	Soil Field Dissipation Study	00044006	464	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00155978	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00155972	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00147144	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00145282	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00130004	1471	OLD	
164-2	Aquatic Sediment Field Dissipation Study	00018122	1471	OLD	
164-5	Long Term Soil Dissipation Study	00142362	1471	OLD	
164-5	Long Term Soil Dissipation Study	00141257	1471	OLD	
165-1	Confined Rotational Crop Study	41661102	62719	OLD	

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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
165-1	Confined Rotational Crop Study	00133417	1471	OLD	
165-1	Confined Rotational Crop Study	00129640	1471	OLD	
165-4	Accumulation in Fish	40673801	1471	OLD	
165-4	Accumulation in Fish	00155973	1471	OLD	
165-4	Accumulation in Fish	00152437	1471	OLD	
165-4	Accumulation in Fish	00145282	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00155978	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00155972	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00153631	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00147144	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00144553	1471	OLD	
165-5	Accumulation in Aquatic Non-Target Organisms	00092772	1471	OLD	
N/A	Dissipation of Transferable Residues of Benefin and Trifluralin on Turf Treated with a Formulation of the Pesticides	45745601		OWN	
N/A	Dissipation of Transferable Residues of Benefin and Trifluralin on Turf Treated with a Formulation of the Pesticides Amended Report dated 12/20/99	44998301	62719	OWN	
N/A	Supplement to: A Study of Product Performance and Environmental Concerns with Irrigation Devices Containing Treflan	40987101	1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
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			1471	OLD	
			1471	OLD	
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			1471	OLD	
			1471	OLD	
				OWN	
			62719	OWN	
			1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	A Study of Product Performance and Environmental Concerns with Irrigation Devices Containing Treflan	40934201	1471	OLD	
N/A	National Pesticide Monitoring Program (Revised)	00165229	1471	OLD	
N/A	Carbon Dioxide Collection During Carbon-14 Trifluralin-Soybean Experiment	00165226	1471	OLD	
N/A	A Controlled-Release Herbicide Device for Multiple-Year Control of Roots at Waste Burial Sites <i>Journal of Controlled Release 3:47-54</i>	00160550	1471	OLD	
N/A	Photolysis of Trifluralin: Characterization of Azobenzene and Azoxybenzene Photodegradation Products <i>Journal of Agricultural Food Chemistry</i> , 28(4) : 746-754	00146333	1471	OLD	
N/A	Metabolism of Herbicides in Soil <i>Advances in Chemistry Series</i> , No. 60, p. 250-262	00146332	1471	OLD	
N/A	Fate of Nitrosamines in the Environment: Photolysis in Natural Water. Presented at ACS Meeting	00144925	1471	OLD	
N/A	Drinking Water and Health National Research Council - Washington, DC: National Academy of Sciences) 63-69	00142373	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
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			1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Factors Effecting Vapor Loss of Trifluralin From Soil <i>J. Agr. Food Chem.</i> 22(6) :987-991	00142369	1471	OLD	
N/A	Mechanism of Trifluralin Diffusion in Silt Loam Soil <i>Weed Science</i> 21(5) :480-484	00142365	1471	OLD	
N/A	Greenhouse Carbon-14 Trifluralin Soil Degradation Experiment: Final Report	00141105	1471	OLD	
N/A	Aspects of Trifluralin Degradation with Special Reference to the Trifluoromethyl Group	00141104	1471	OLD	
N/A	Selection and Characterization of Watersheds for Trifluralin Field Monitoring Studies	00133421	1471	OLD	
N/A	Sampling of the Runoff Ponds for the Trifluralin Field Monitoring Study (May-June, 1983)	00133420	1471	OLD	
N/A	Special Arizona Treflan Study -- February 23-28, 1977: Part 1: Field Methodology	00126074	1471	OLD	
N/A	Soil Degradation of Trifluralin: Mass Spectrometry of Products and Potential Products: Pre-RPAR Review Submission #25	00125328	1471	OLD	
N/A	Fate of ¹⁴ C Trifluralin in Soil: Pre-RPAR Review Submission #25	00125327	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
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			1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Fate of Nitrosamines in the Environment: Photolysis in Natural Waters: Pre-RPAR Review Submission #25	00125325	1471	OLD	
N/A	Summary of Field Air Monitoring Experiments: Submission at EPA/OSPR Meeting	00125298	1471	OLD	
N/A	Special Treflan Field Monitoring Studies--II: Pre-RPAR Review Submission #15	00124919	1471	OLD	
N/A	Special Treflan Field Monitoring Studies: Pre-RPAR Review Submission #10	00124917	1471	OLD	
N/A	A Preliminary Photochemical Study with Nitrosodipropylamine: Additional Data	00124908	1471	OLD	
N/A	The Environmental Fate of N-Nitrosodipropylamine: A Summary: Pre-RPAR Review Submission #9	00124907	1471	OLD	
N/A	Residues of Volatile Nitrosamines in Water Samples from Fields Treated with Treflan: Pre-RPAR Review Submission #8	00124903	1471	OLD	
N/A	General Protocol for a Treflan Field Monitoring Study	00119042	1471	OLD	
N/A	Letter sent to J. Leary dated Nov. 11, 1964: Treflan EC.	00105767	1471	OLD	
N/A	Treflan EC for Incorporation 24 Hours After Application	00067279	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Treflan EC: 8-Hour Delayed Incorporation	00066083	1471	OLD	
N/A	Determining the Fate of Herbicides in the Ogallala Aquifer	00059413	464	OLD	
N/A	Introduction: Degradation of EL-179	00003261	1471	OLD	
N/A	Introduction: Degradation of EL-179	00002814	1471	OLD	
171-4(a)	Nature of Residue - Plants	43569601	68156	OLD	
171-4(a)	Nature of Residue - Plants	41396802	TDDC	OLD	
171-4(a)	Nature of Residue - Plants	41396801	TDDC	OLD	
171-4(a)	Nature of Residue - Plants	41179002	TDDC	OLD	
171-4(a)	Nature of Residue - Plants	41179001	TDDC	OLD	
171-4(a)	Nature of Residue - Plants	00165227	1471	OLD	
171-4(a)	Nature of Residue - Plants	00135204	1471	OLD	
171-4(a)	Nature of Residue - Plants	00135196	1471	OLD	
171-4(a)	Nature of Residue - Plants	00131133	1471	OLD	
171-4(a)	Nature of Residue - Plants	00130149	1471	OLD	
171-4(a)	Nature of Residue - Plants	00125301	1471	OLD	
171-4(a)	Nature of Residue - Plants	00125299	1471	OLD	
171-4(a)	Nature of Residue - Plants	00124905	1471	OLD	
171-4(a)	Nature of Residue - Plants	00121732	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106722	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106720	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106719	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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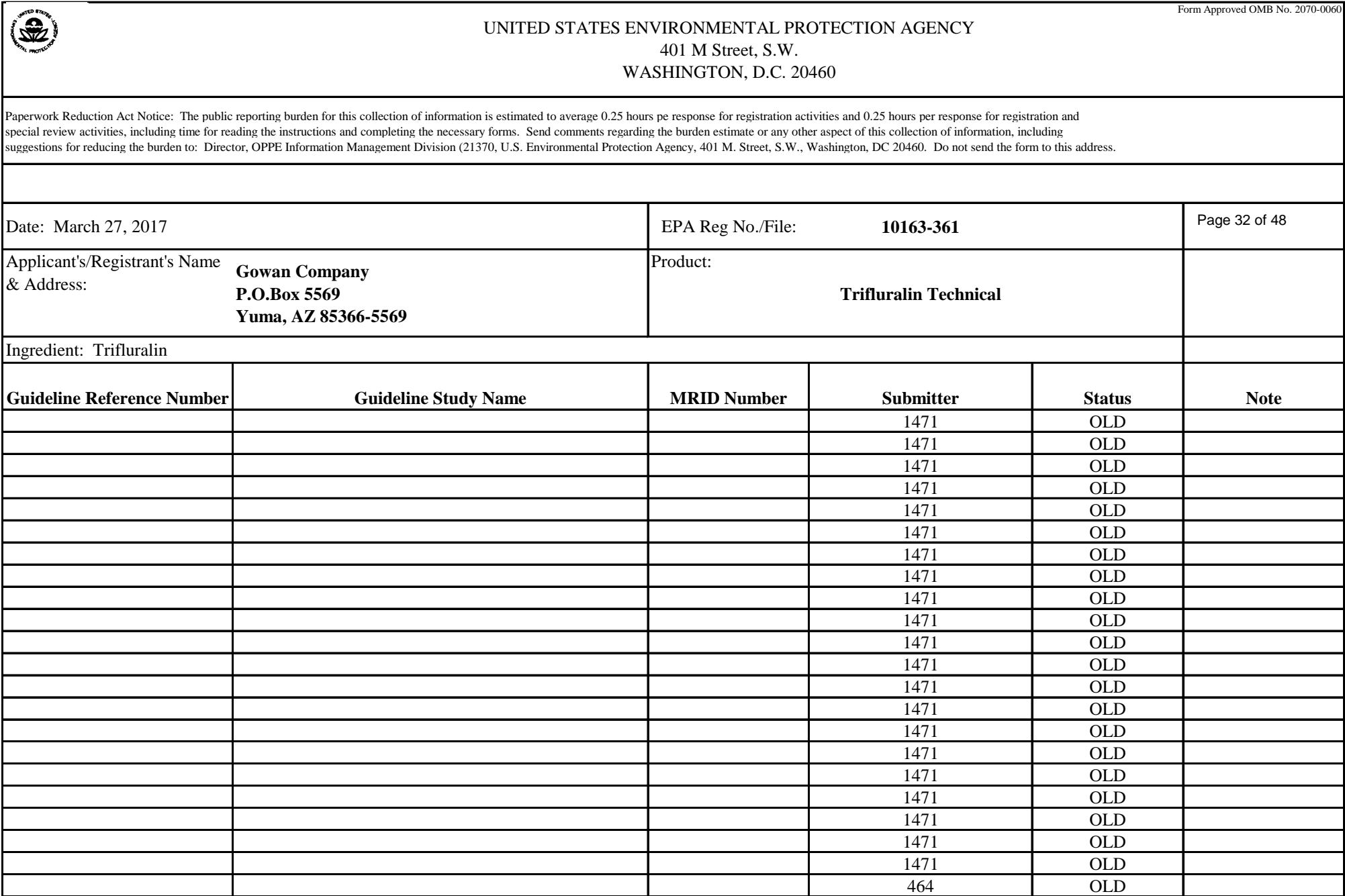


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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(a)	Nature of Residue - Plants	00106718	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106717	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106713	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106712	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106711	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106709	1471	OLD	
171-4(a)	Nature of Residue - Plants	00106705	1471	OLD	
171-4(a)	Nature of Residue - Plants	00105720	1471	OLD	
171-4(a)	Nature of Residue - Plants	00105715	1471	OLD	
171-4(a)	Nature of Residue - Plants	00105692	1471	OLD	
171-4(a)	Nature of Residue - Plants	00093553	1471	OLD	
171-4(a)	Nature of Residue - Plants	00093552	1471	OLD	
171-4(a)	Nature of Residue - Plants	00083027	1471	OLD	
171-4(a)	Nature of Residue - Plants	00080323	1471	OLD	
171-4(a)	Nature of Residue - Plants	00077824	1471	OLD	
171-4(a)	Nature of Residue - Plants	00067222	1471	OLD	
171-4(a)	Nature of Residue - Plants	00066161	1471	OLD	
171-4(a)	Nature of Residue - Plants	00064481	1471	OLD	
171-4(a)	Nature of Residue - Plants	00059532	1471	OLD	
171-4(a)	Nature of Residue - Plants	00029399	1471	OLD	
171-4(a)	Nature of Residue - Plants	00026054	1471	OLD	
171-4(a)	Nature of Residue - Plants	00024495	464	OLD	





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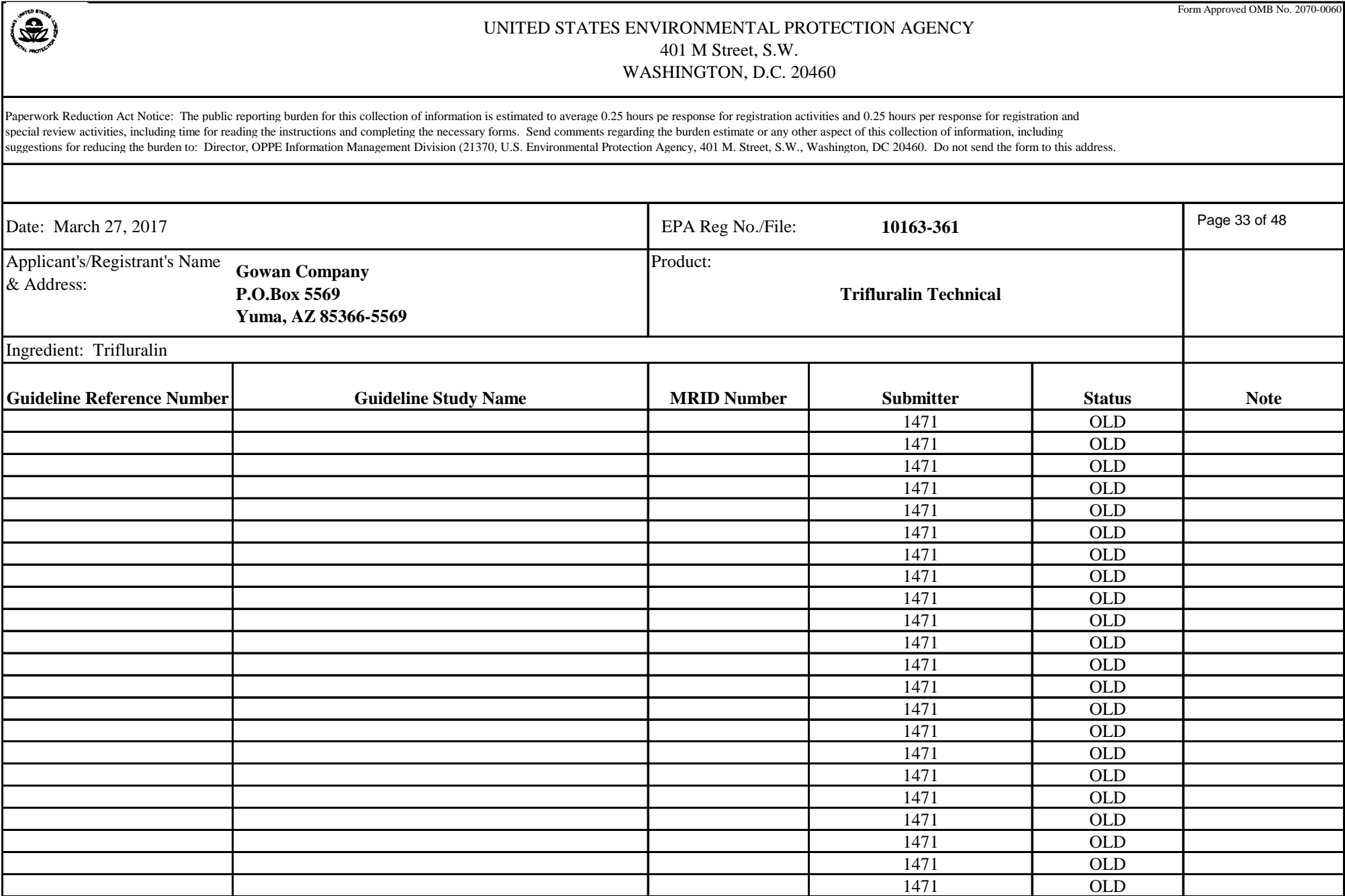
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(a)	Nature of Residue - Plants	00024258	1471	OLD	
171-4(a)	Nature of Residue - Plants	00024251	1471	OLD	
171-4(a)	Nature of Residue - Plants	00024250	1471	OLD	
171-4(a)	Nature of Residue - Plants	00024248	1471	OLD	
171-4(a)	Nature of Residue - Plants	00022113	1471	OLD	
171-4(a)	Nature of Residue - Plants	00022112	1471	OLD	
171-4(a)	Nature of Residue - Plants	00002811	1471	OLD	
171-4(a)	Nature of Residue - Plants	00002810	1471	OLD	
171-4(a)	Nature of Residue - Plants	00002809	1471	OLD	
171-4(a)	Nature of Residue - Plants	00002808	1471	OLD	
171-4(b)	Nature of Residue - Livestock	41286101	1471	OLD	
171-4(b)	Nature of Residue - Livestock	41233102	1471	OLD	
171-4(b)	Nature of Residue - Livestock	41233101	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00105772	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00105748	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00105716	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00105690	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00105676	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00093636	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00093635	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00093633	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00080322	1471	OLD	





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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(b)	Nature of Residue - Livestock	00080321	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00080320	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00080318	1471	OLD	
171-4(b)	Nature of Residue - Livestock	00024293	1471	OLD	
171-4(c)	Residue Analytical Method	44288804	68156	OLD	
171-4(c)	Residue Analytical Method	43622001	68156	OLD	
171-4(c)	Residue Analytical Method	42430806	62719	OLD	
171-4(c)	Residue Analytical Method	42430805	62719	OLD	
171-4(c)	Residue Analytical Method	42430804	62719	OLD	
171-4(c)	Residue Analytical Method	42430803	62719	OLD	
171-4(c)	Residue Analytical Method	42430802	62719	OLD	
171-4(c)	Residue Analytical Method	42430801	62719	OLD	
171-4(c)	Residue Analytical Method	42354502	62719	OLD	
171-4(c)	Residue Analytical Method	00165228	1471	OLD	
171-4(c)	Residue Analytical Method	00165227	1471	OLD	
171-4(c)	Residue Analytical Method	00155395	1471	OLD	
171-4(c)	Residue Analytical Method	00143667	1471	OLD	
171-4(c)	Residue Analytical Method	00141257	1471	OLD	
171-4(c)	Residue Analytical Method	00141256	1471	OLD	
171-4(c)	Residue Analytical Method	00140740	1471	OLD	
171-4(c)	Residue Analytical Method	00140735	1471	OLD	
171-4(c)	Residue Analytical Method	00136773	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			68156	OLD	
			68156	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	



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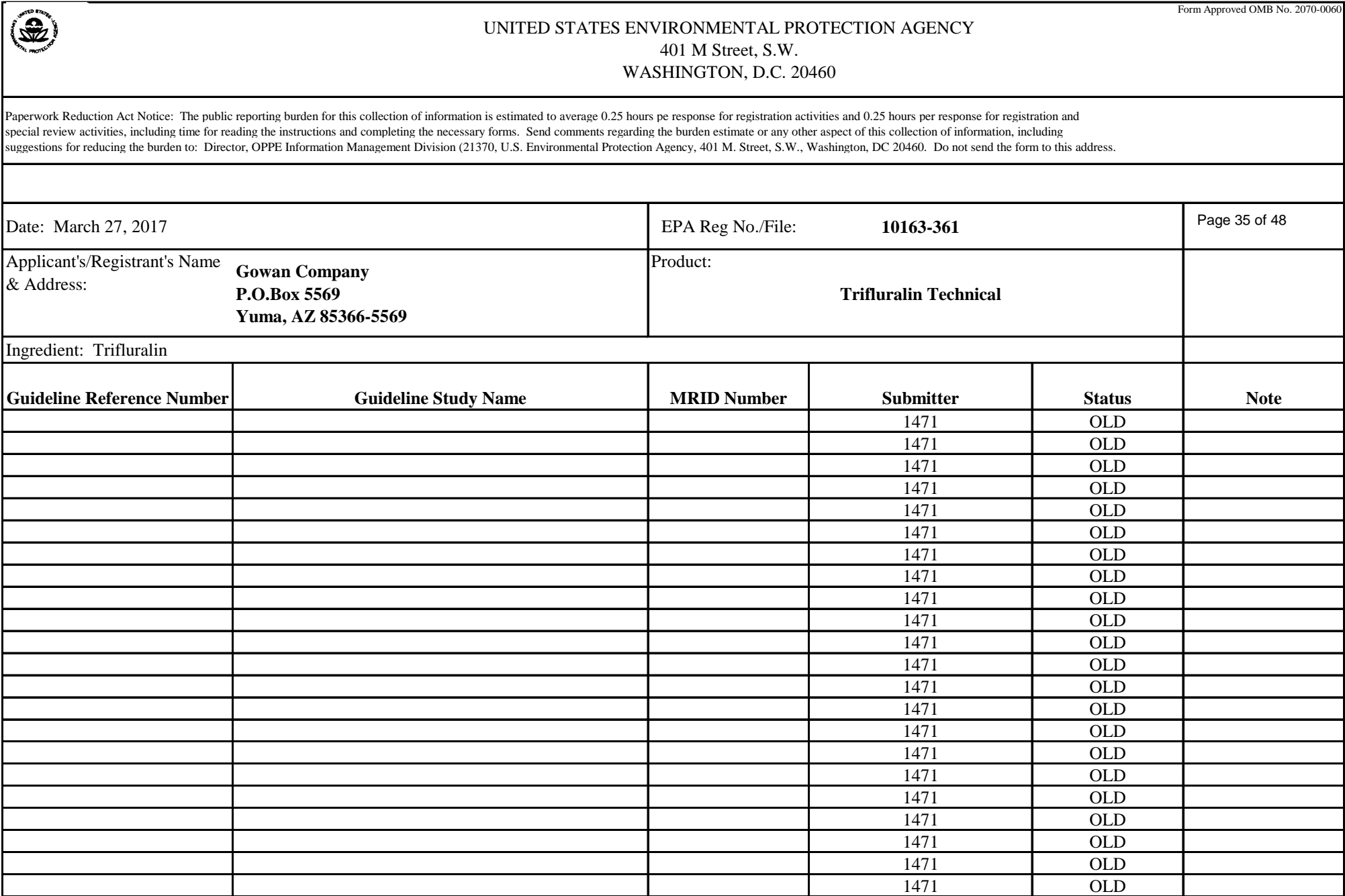
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Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method	00135204	1471	OLD	
171-4(c)	Residue Analytical Method	00133939	1471	OLD	
171-4(c)	Residue Analytical Method	00130155	1471	OLD	
171-4(c)	Residue Analytical Method	00128308	1471	OLD	
171-4(c)	Residue Analytical Method	00125303	1471	OLD	
171-4(c)	Residue Analytical Method	00124904	1471	OLD	
171-4(c)	Residue Analytical Method	00120263	1471	OLD	
171-4(c)	Residue Analytical Method	00109359	1471	OLD	
171-4(c)	Residue Analytical Method	00105789	1471	OLD	
171-4(c)	Crop Field Trials	00105781	1471	OLD	
171-4(c)	Crop Field Trials	00105780	1471	OLD	
171-4(c)	Residue Analytical Method	00105765	1471	OLD	
171-4(c)	Residue Analytical Method	00105757	1471	OLD	
171-4(c)	Residue Analytical Method	00105755	1471	OLD	
171-4(c)	Residue Analytical Method	00105754	1471	OLD	
171-4(c)	Residue Analytical Method	00105751	1471	OLD	
171-4(c)	Residue Analytical Method	00105750	1471	OLD	
171-4(c)	Residue Analytical Method	00105749	1471	OLD	
171-4(c)	Residue Analytical Method	00105746	1471	OLD	
171-4(c)	Residue Analytical Method	00105735	1471	OLD	
171-4(c)	Residue Analytical Method	00105734	1471	OLD	
171-4(c)	Residue Analytical Method	00105729	1471	OLD	





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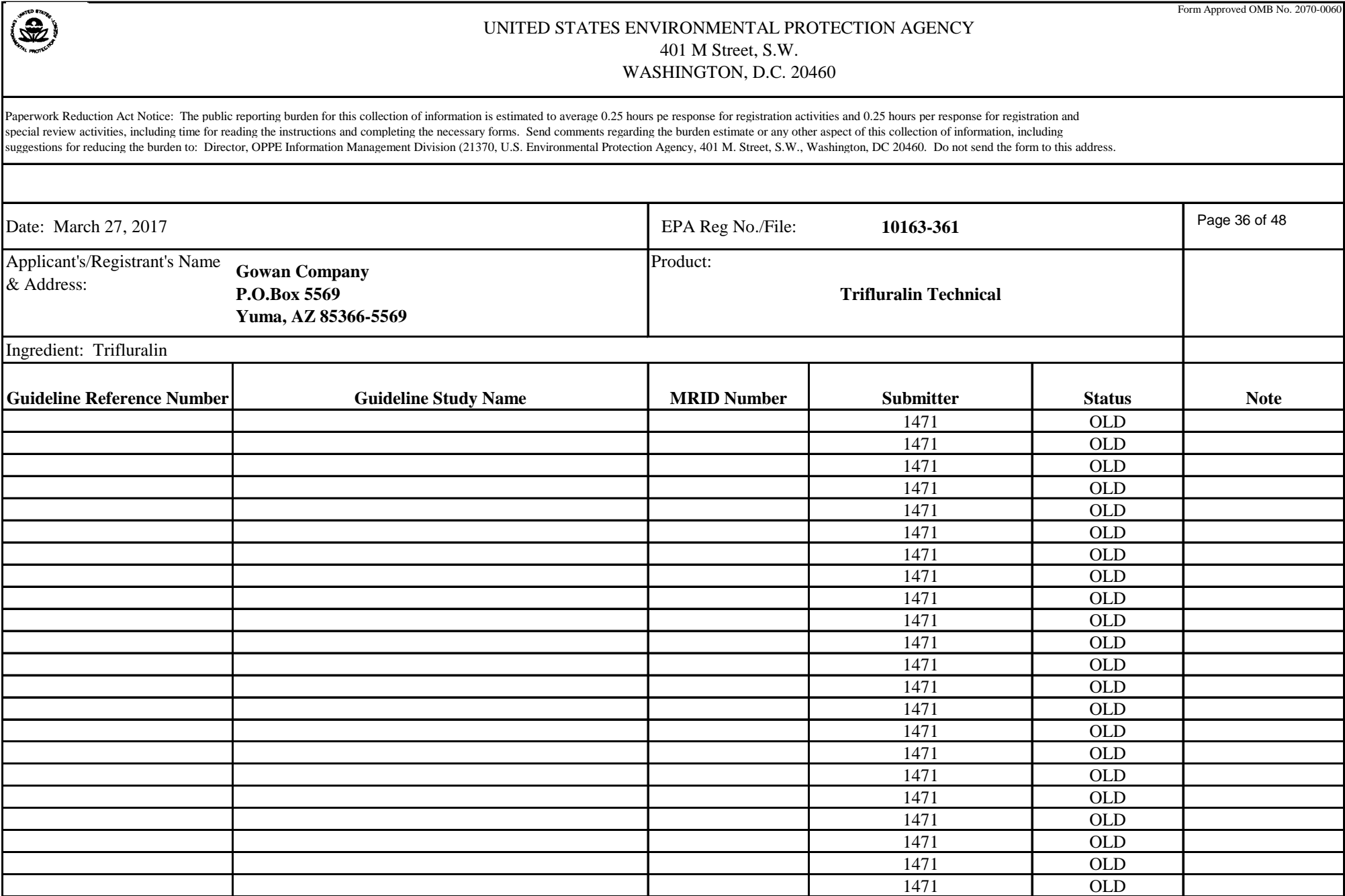
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Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method	00105727	1471	OLD	
171-4(c)	Residue Analytical Method	00105723	1471	OLD	
171-4(c)	Residue Analytical Method	00105722	1471	OLD	
171-4(c)	Residue Analytical Method	00105721	1471	OLD	
171-4(c)	Residue Analytical Method	00105714	1471	OLD	
171-4(c)	Residue Analytical Method	00105711	1471	OLD	
171-4(c)	Residue Analytical Method	00105710	1471	OLD	
171-4(c)	Residue Analytical Method	00105695	1471	OLD	
171-4(c)	Residue Analytical Method	00105689	1471	OLD	
171-4(c)	Residue Analytical Method	00105687	1471	OLD	
171-4(c)	Residue Analytical Method	00105679	1471	OLD	
171-4(c)	Residue Analytical Method	00105646	1471	OLD	
171-4(c)	Residue Analytical Method	00104423	1471	OLD	
171-4(c)	Residue Analytical Method	00100763	1471	OLD	
171-4(c)	Residue Analytical Method	00093637	1471	OLD	
171-4(c)	Residue Analytical Method	00093552	1471	OLD	
171-4(c)	Residue Analytical Method	00071175	1471	OLD	
171-4(c)	Residue Analytical Method	00070737	1471	OLD	
171-4(c)	Residue Analytical Method	00067435	1471	OLD	
171-4(c)	Residue Analytical Method	00067222	1471	OLD	
171-4(c)	Residue Analytical Method	00066160	1471	OLD	
171-4(c)	Residue Analytical Method	00064482	1471	OLD	





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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method	00047591	1471	OLD	
171-4(c)	Residue Analytical Method	00030100	464	OLD	
171-4(c)	Residue Analytical Method	00029399	1471	OLD	
171-4(c)	Residue Analytical Method	00022114	1471	OLD	
171-4(c)	Residue Analytical Method	00022111	1471	OLD	
171-4(c)	Residue Analytical Method	45125702	62719	OWN	
171-4(c)	Residue Analytical Method	45125701	62719	OWN	
171-4(e)	Storage Stability	44288802	62719	OLD	
171-4(e)	Storage Stability	43850301	68156	OLD	
171-4(e)	Storage Stability	43626944	68156	OLD	
171-4(e)	Storage Stability	43626943	68156	OLD	
171-4(e)	Storage Stability	43626942	68156	OLD	
171-4(e)	Storage Stability	43626941	68156	OLD	
171-4(e)	Storage Stability	43626940	68156	OLD	
171-4(e)	Storage Stability	43626939	68156	OLD	
171-4(e)	Storage Stability	43626938	68156	OLD	
171-4(e)	Storage Stability	43626937	68156	OLD	
171-4(e)	Storage Stability	43626936	68156	OLD	
171-4(e)	Storage Stability	43626935	68156	OLD	
171-4(e)	Storage Stability	43626934	68156	OLD	
171-4(e)	Storage Stability	43626933	68156	OLD	
171-4(e)	Storage Stability	43626932	68156	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			464	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			62719	OWN	
			62719	OWN	
			62719	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
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			68156	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(e)	Storage Stability	43626931	68156	OLD	
171-4(e)	Storage Stability	43626930	68156	OLD	
171-4(e)	Storage Stability	43626929	68156	OLD	
171-4(e)	Storage Stability	43626928	68156	OLD	
171-4(e)	Storage Stability	43626927	68156	OLD	
171-4(e)	Storage Stability	43626926	68156	OLD	
171-4(e)	Storage Stability	43626925	68156	OLD	
171-4(e)	Storage Stability	43626924	68156	OLD	
171-4(e)	Storage Stability	43626923	68156	OLD	
171-4(e)	Storage Stability	43626922	68156	OLD	
171-4(e)	Storage Stability	43626921	68156	OLD	
171-4(e)	Storage Stability	43626920	68156	OLD	
171-4(e)	Storage Stability	43626919	68156	OLD	
171-4(e)	Storage Stability	43626918	68156	OLD	
171-4(e)	Storage Stability	43626917	68156	OLD	
171-4(e)	Storage Stability	43626916	68156	OLD	
171-4(e)	Storage Stability	43626915	68156	OLD	
171-4(e)	Storage Stability	43626914	68156	OLD	
171-4(e)	Storage Stability	43626913	68156	OLD	
171-4(e)	Storage Stability	43626912	68156	OLD	
171-4(e)	Storage Stability	43626911	68156	OLD	
171-4(e)	Storage Stability	43626910	68156	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(e)	Storage Stability	43626909	68156	OLD	
171-4(e)	Storage Stability	43626908	68156	OLD	
171-4(e)	Storage Stability	43626907	68156	OLD	
171-4(e)	Storage Stability	43626906	68156	OLD	
171-4(e)	Storage Stability	43626905	68156	OLD	
171-4(e)	Storage Stability	43626904	68156	OLD	
171-4(e)	Storage Stability	43626903	68156	OLD	
171-4(e)	Storage Stability	43626902	68156	OLD	
171-4(e)	Storage Stability	43626901	68156	OLD	
171-4(e)	Storage Stability	41335901	1471	OLD	
171-4(e)	Storage Stability	00105720	1471	OLD	
171-4(i)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	00105772	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	41286101	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	41233102	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	41233101	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	00093636	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			68156	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	00093634	1471	OLD	
171-4(j)	Magnitude of Residue in Meat, Milk, Poultry Eggs	00080322	1471	OLD	
171-4(j)	Magnitude of the Residue - Meat, Milk, Poultry and Eggs	00023105	464	OLD	
171-4(k)	Crop Field Trials	44332301	62719	OLD	
171-4(k)	Crop Field Trials	44288803	62719	OLD	
171-4(k)	Crop Field Trials	44288801	62719	OLD	
171-4(k)	Crop Field Trials	44117801	68156	OLD	
171-4(k)	Crop Field Trials	43850301	68156	OLD	
171-4(k)	Crop Field Trials	42917801	62719	OLD	
171-4(k)	Crop Field Trials	42779001	62719	OLD	
171-4(k)	Crop Field Trials	42642601	62719	OLD	
171-4(k)	Crop Field Trials	42472302	62719	OLD	
171-4(k)	Crop Field Trials	42472301	62719	OLD	
171-4(k)	Crop Field Trials	42466010	62719	OLD	
171-4(k)	Crop Field Trials	42466009	62719	OLD	
171-4(k)	Crop Field Trials	42466007	62719	OLD	
171-4(k)	Crop Field Trials	42466006	62719	OLD	
171-4(k)	Crop Field Trials	42466005	62719	OLD	
171-4(k)	Crop Field Trials	42466003	62719	OLD	
171-4(k)	Crop Field Trials	42448203	62719	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			464	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			68156	OLD	
			68156	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	42448202	62719	OLD	
171-4(k)	Crop Field Trials	42448201	62719	OLD	
171-4(k)	Crop Field Trials	42403201	62719	OLD	
171-4(k)	Crop Field Trials	42354501	62719	OLD	
171-4(k)	Crop Field Trials	42325001	62719	OLD	
171-4(k)	Crop Field Trials	41306701	1471	OLD	
171-4(k)	Crop Field Trials	00105733	1471	OLD	
171-4(k)	Crop Field Trials	00105731	1471	OLD	
171-4(k)	Crop Field Trials	00105730	1471	OLD	
171-4(k)	Crop Field Trials	00105727	1471	OLD	
171-4(k)	Crop Field Trials	00105726	1471	OLD	
171-4(k)	Crop Field Trials	00105725	1471	OLD	
171-4(k)	Crop Field Trials	00105724	1471	OLD	
171-4(k)	Crop Field Trials	00105720	1471	OLD	
171-4(k)	Crop Field Trials	00105717	1471	OLD	
171-4(k)	Crop Field Trials	00105713	1471	OLD	
171-4(k)	Crop Field Trials	00105704	1471	OLD	
171-4(k)	Crop Field Trials	00105702	1471	OLD	
171-4(k)	Crop Field Trials	00105697	1471	OLD	
171-4(k)	Crop Field Trials	00105696	1471	OLD	
171-4(k)	Crop Field Trials	00105691	1471	OLD	
171-4(k)	Crop Field Trials	00105683	1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			1471	OLD	
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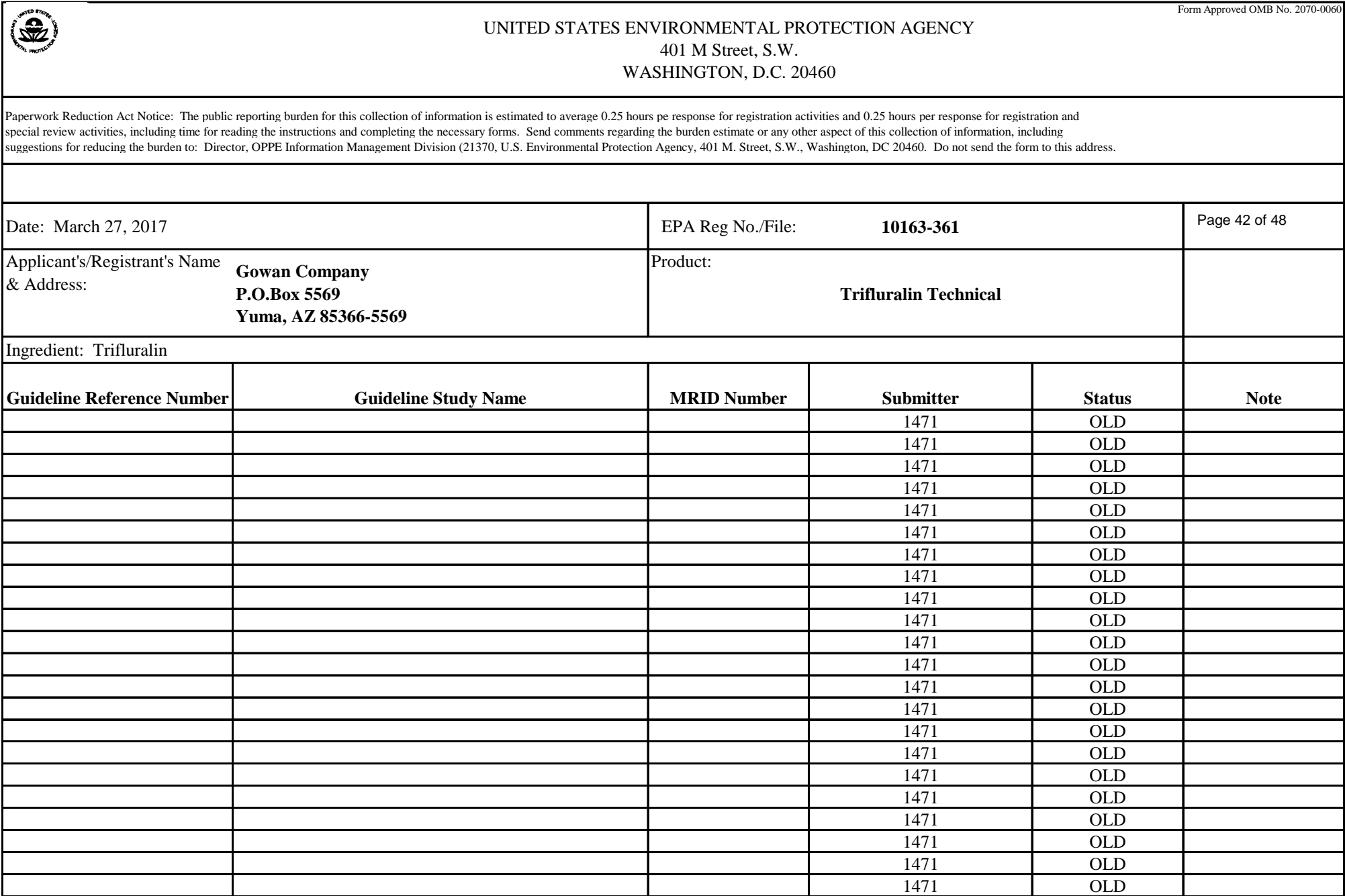


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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	00105681	1471	OLD	
171-4(k)	Crop Field Trials	00105678	1471	OLD	
171-4(k)	Crop Field Trials	00105677	1471	OLD	
171-4(k)	Crop Field Trials	00105675	1471	OLD	
171-4(k)	Crop Field Trials	00105674	1471	OLD	
171-4(k)	Crop Field Trials	00105673	1471	OLD	
171-4(k)	Crop Field Trials	00105672	1471	OLD	
171-4(k)	Crop Field Trials	00105670	1471	OLD	
171-4(k)	Crop Field Trials	00105669	1471	OLD	
171-4(k)	Crop Field Trials	00105668	1471	OLD	
171-4(k)	Crop Field Trials	00105667	1471	OLD	
171-4(k)	Crop Field Trials	00105666	1471	OLD	
171-4(k)	Crop Field Trials	00105657	1471	OLD	
171-4(k)	Crop Field Trials	00105650	1471	OLD	
171-4(k)	Crop Field Trials	00105648	1471	OLD	
171-4(k)	Crop Field Trials	00105646	1471	OLD	
171-4(k)	Crop Field Trials	00096361	1471	OLD	
171-4(k)	Crop Field Trials	00093637	1471	OLD	
171-4(k)	Crop Field Trials	00093574	1471	OLD	
171-4(k)	Crop Field Trials	00093555	1471	OLD	
171-4(k)	Crop Field Trials	00093554	1471	OLD	
171-4(k)	Crop Field Trials	00084581	1471	OLD	





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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	00070736	1471	OLD	
171-4(k)	Crop Field Trials	00067222	1471	OLD	
171-4(k)	Crop Field Trials	00059531	1471	OLD	
171-4(k)	Crop Field Trials	00032811	1471	OLD	
171-4(k)	Crop Field Trials	00030932	1471	OLD	
171-4(k)	Crop Field Trials	00022257	1471	OLD	
171-4(l)	Processed Food/Feed	43850301	68156	OLD	
171-4(l)	Processed Food/Feed	42917801	62719	OLD	
171-4(l)	Processed Food/Feed	42779001	62719	OLD	
171-4(l)	Processed Food/Feed	42642601	62719	OLD	
171-4(l)	Processed Food/Feed	42514501	62719	OLD	
171-4(l)	Processed Food/Feed	42448204	62719	OLD	
171-4(l)	Processed Food/Feed	42430804	62719	OLD	
171-4(l)	Processed Food/Feed	42403201	62719	OLD	
171-4(l)	Processed Food/Feed	42354501	62719	OLD	
171-4(l)	Processed Food/Feed	42325001	62719	OLD	
171-4(l)	Processed Food/Feed	41306701	1471	OLD	
171-4(l)	Processed Food/Feed	00105750	1471	OLD	
171-4(l)	Processed Food/Feed	00105726	1471	OLD	
171-4(l)	Processed Food/Feed	00105710	1471	OLD	
171-4(l)	Processed Food/Feed	00105683	1471	OLD	
171-4(l)	Processed Food/Feed	00105678	1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical	

Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
			68156	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			62719	OLD	
			1471	OLD	
			1471	OLD	
			1471	OLD	
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			1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(l)	Processed Food/Feed	00105675	1471	OLD	
171-5	Reduction of Residues	00105754	1471	OLD	
860-1550	Proposed Tolerances Crop Group 20 Oilseed		62719	OWN	
860-1560	Reasonable Grounds in Support of the Petition		62719	OWN	
890-1100	Amphibian Metamorphosis	48619701	62719	OWN	
890-1150	Androgen Receptor (AR) Binding (Rat Prostate Cy7tosol)	48619702	62719	OWN	
890-1150	Androgen Receptor Binding (Rat Prostate Cy7tosol)	48142101	62719	OWN	
890-1200	Aromatase (Human Recombinant)	48619703	62719	OWN	
890-1200	Aromatase (Human Recombinant)	48142101	62719	OWN	
890-1250	Estrogen Receptor (ER) Binding (Rat Uterine Cytosol)	48619704	62719	OWN	
890-1250	Estrogen Receptor (ER) Binding (Rat Uterine Cytosol)	48142101	62719	OWN	
890-1300	Estrogen Receptor Transcriptional Activation (Human Cell Line (HeLA-9903))	48619705	62719	OWN	
890-1300	Estrogen Receptor Transcriptional Activation (Human Cell Line (HeLA-9903))	48142101	62719	OWN	
890-1350	Fish Short Term	48619706	62719	OWN	
890-1400	Hershberger	48619707	62719	OWN	
890-1450	Female Pubertal (Rat)	48142101	62719	OWN	
890-1500	Male Pubertal (Rat)	48142101	62719	OWN	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
			1471	OLD	
			62719	OWN	
			62719	OWN	
			62719	OWN	
			62719	OWN	
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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
890-1550	Steroidogenesis	48619708	62719	OWN	
890-1600	Uterotrophic	48619709	62719	OWN	
OECD 218	TR-7-Full Life-Cycle Toxicity Test with Sediment-Dwelling Midges (<i>Chironomus riparius</i>) Under Static Conditions, Following OECD Guideline 218	48599901	62719	OWN	
OECD 218	TR-14-Full Life-Cycle Toxicity Test with Sediment-Dwelling Midges (<i>Chironomus riparius</i>) Under Static Conditions, Following OECD Guideline 218	48599902	62719	OWN	
OECD 219	Chronic Toxicity Study with the Midge, <i>Chironomus riparius</i> , Using Spiked Water in a Sediment-Water Exposure System	47807012	62719	OWN	
N/A	Trifluralin 35-Day Exposure of Fathead Minnow (<i>Pimephales promelas</i>) in a Sediment: Water Exposure System under Static Conditions	48526001	62719	OWN	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			62719	OWN	
			62719	OWN	
			62719	OWN	
			62719	OWN	
			62719	OWN	
			62719	OWN	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Dow AgroSciences' Response to the U.S. EPA Office of Pesticide Programs's (OPP) Notice for Docket ID: OPP-2004-0142, Entitled "Trifluralin; Proposed Pesticide Tolerance' for the Establishment of a Tolerance for Residues of Trifluralin in Mint and Review of Human Health and Residue Chemistry Risk Assessments and Related Materials for the Herbicide Trifluralin Tolerance Reassessment Evaluation Decision (TRED)	46454001	62719	OWN	
N/A	Response to EPA Data Review by K. Docket (July 14, 1995) Subject: Trifluralin. Response to Data Gaps in Product Chemistry	44451001	62719	OLD	
N/A	Trifluralin on Alfalfa - Summarization and Implication of the Results from Field Residue Trials	44073101	68156	OLD	
N/A	Trifluralin Residue Data on Spring Planted Barley Following Fall Application of Treflan TR-10 at Increased Rates on Medium and Fine Soils for Weed Control	00157833	1471	OLD	
N/A	Residues of N-Nitrosodipropylamine and Trifluralin in Soil from Fields Treated with Treflan	00144923	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			62719	OWN	
			62719	OLD	
			68156	OLD	
			1471	OLD	
			1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569	Product: Trifluralin Technical				
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Identification of Trifluralin Metabolites From Rumen Microbial Cultures: Effect of Trifluralin on Bacteria and Protozoa <i>J. Agr. Food Chem. 19(6) :1198-1204</i>	00142371	1471	OLD	
N/A	A Study to Determine the Effect of Trifluralin Feeding on the Eyes of Young Chickens	00139645	1471	OLD	
N/A	Addendum: Trifluralin Cataractogenic Studies (Leghorn Chicks)	00105737	1471	OLD	
N/A	Radioactivity in Cigarette Smoke from Tobacco Grown in Soil Treated with C14-Diphenamid	00105712	1471	OLD	
N/A	A Study to Determine the Effect of Trifluralin Feeding on the Eyes of Young Chickens	00105671	1471	OLD	
N/A	Summary: Trifluralin--Animal Feeding Studies. Summary of studies 105544-B through 10544-I	00085734	1471	OLD	
N/A	Assays of Fat Samples From Animals on Chronic Experiments	00083651	1471	OLD	
N/A	Toxicity of Herbicides to Various Crops and Residues of Diphenamid and Other Chemicals in Soils	00029844	1471	OLD	
N/A	Annual Report: Residue Analysis Program: 1967	00005572	1471	OLD	
N/A	Annual Report Residue Analysis Program, 1967	00004778	1471	OLD	



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Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			1471	OLD	
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			1471	OLD	



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Applicant's/Registrant's Name & Address: Gowan Company P.O.Box 5569 Yuma, AZ 85366-5569		Product: Trifluralin Technical			
Ingredient: Trifluralin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
CITE-ALL			IR-4 (959857)	PL	
CITE-ALL			Trifluralin Data Development Consortium (TDDC)	OWN	



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